

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117950.D
 Acq On : 23 Nov 2019 12:22
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:49:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	182814	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	710974	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	366506	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	695952	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	467283	20.00	ng	-0.02
87) Perylene-d12	15.60	264	382641	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	800091	77.47	ng	-0.02
7) Phenol-d6	6.53	99	1019892	81.87	ng	-0.02
23) Nitrobenzene-d5	7.47	82	888237	74.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	341114	87.91	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1886167	92.33	ng	-0.02
79) Terphenyl-d14	13.04	244	2097296	82.03	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	171461	35.517	ng	96
3) Pyridine	3.45	79	465107	36.728	ng	98
4) n-Nitrosodimethylamine	3.40	42	184487	33.373	ng	97
6) Aniline	6.57	93	672873	40.876	ng	99
8) 2-Chlorophenol	6.69	128	468876	41.839	ng	97
9) Benzaldehyde	6.45	77	319935	39.584	ng	98
10) Phenol	6.55	94	592430	45.766	ng	95
11) bis(2-Chloroethyl)ether	6.64	93	427198	41.096	ng	97
12) 1,3-Dichlorobenzene	6.85	146	555555	42.108	ng	97
13) 1,4-Dichlorobenzene	6.92	146	564150	42.303	ng	99
14) 1,2-Dichlorobenzene	7.08	146	523489	41.044	ng	98
15) Benzyl Alcohol	7.05	79	407400	42.360	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	608797	38.039	ng	98
17) 2-Methylphenol	7.16	107	388271	40.912	ng	99
18) Hexachloroethane	7.42	117	199871	40.798	ng	92
19) n-Nitroso-di-n-propylamine	7.32	70	309357	40.255	ng	96
20) 3+4-Methylphenols	7.31	107	473381	40.183	ng	# 82
22) Acetophenone	7.32	105	639997	40.066	ng	99
24) Nitrobenzene	7.49	77	448860	36.379	ng	99
25) Isophorone	7.73	82	878741	40.087	ng	97
26) 2-Nitrophenol	7.80	139	264787	44.091	ng	95
27) 2,4-Dimethylphenol	7.84	122	359004	38.471	ng	100
28) bis(2-Chloroethoxy)methane	7.94	93	565817	40.676	ng	99
29) 2,4-Dichlorophenol	8.05	162	413422	40.843	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	485025	41.310	ng	100
31) Naphthalene	8.22	128	1425027	42.994	ng	99
32) Benzoic acid	7.95	122	245089	31.367	ng	99
33) 4-Chloroaniline	8.26	127	609134	41.051	ng	99
34) Hexachlorobutadiene	8.33	225	282401	41.138	ng	99
35) Caprolactam	8.64	113	126341	39.273	ng	87
36) 4-Chloro-3-methylphenol	8.74	107	424102	41.284	ng	96
37) 2-Methylnaphthalene	8.91	142	928940	41.480	ng	99
38) 1-Methylnaphthalene	9.01	142	893221	42.189	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.08	216	442450	41.569	ng	99

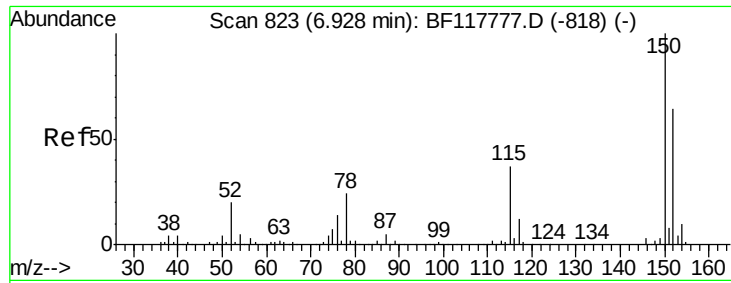
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117950.D
 Acq On : 23 Nov 2019 12:22
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Quant Time: Nov 25 07:49:23 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	231593	38.827	ng	99
43) 2,4,6-Trichlorophenol	9.19	196	313640	41.140	ng	98
44) 2,4,5-Trichlorophenol	9.23	196	284173	35.901	ng	97
46) 1,1'-Biphenyl	9.37	154	1172782	43.131	ng	99
47) 2-Chloronaphthalene	9.40	162	931078	41.623	ng	99
48) 2-Nitroaniline	9.49	65	286014	42.352	ng	99
49) Acenaphthylene	9.82	152	1381984	42.375	ng	100
50) Dimethylphthalate	9.67	163	1125601	43.796	ng	100
51) 2,6-Dinitrotoluene	9.74	165	239240	42.592	ng	88
52) Acenaphthene	9.99	154	868408	41.567	ng	100
53) 3-Nitroaniline	9.91	138	278615	41.453	ng	97
54) 2,4-Dinitrophenol	10.01	184	107198	41.013	ng	# 88
55) Dibenzofuran	10.16	168	1262981	43.657	ng	100
56) 4-Nitrophenol	10.06	139	198473	39.561	ng	93
57) 2,4-Dinitrotoluene	10.15	165	325947	45.618	ng	90
58) Fluorene	10.51	166	847146	37.788	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	270971	41.664	ng	99
60) Diethylphthalate	10.37	149	1104436	44.077	ng	100
61) 4-Chlorophenyl-phenylether	10.50	204	431272	37.907	ng	96
62) 4-Nitroaniline	10.53	138	266131	39.546	ng	93
63) Azobenzene	10.66	77	947486	41.564	ng	93
65) 4,6-Dinitro-2-methylphenol	10.55	198	145573	44.806	ng	83
66) n-Nitrosodiphenylamine	10.62	169	854747	42.201	ng	100
67) 4-Bromophenyl-phenylether	10.99	248	307661	40.971	ng	98
68) Hexachlorobenzene	11.06	284	371622	42.441	ng	# 91
69) Atrazine	11.15	200	270204	40.555	ng	99
70) Pentachlorophenol	11.25	266	198892	38.879	ng	98
71) Phenanthrene	11.47	178	1338451	38.252	ng	99
72) Anthracene	11.53	178	1470429	42.385	ng	99
73) Carbazole	11.68	167	1326808	43.766	ng	99
74) Di-n-butylphthalate	12.01	149	1598080	42.338	ng	99
75) Fluoranthene	12.67	202	1493725	47.257	ng	99
77) Benzidine	12.79	184	571309	37.325	ng	99
78) Pyrene	12.90	202	1497343	39.650	ng	100
80) Butylbenzylphthalate	13.51	149	673315	41.513	ng	93
81) Benzo(a)anthracene	14.09	228	1259769	40.797	ng	100
82) 3,3'-Dichlorobenzidine	14.05	252	441194	40.847	ng	# 98
83) Chrysene	14.13	228	1199565	40.090	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	879220	44.713	ng	99
85) Di-n-octyl phthalate	14.69	149	1309625	45.335	ng	98
86) Indeno(1,2,3-cd)pyrene	17.14	276	920680	36.153	ng	99
88) Benzo(b)fluoranthene	15.16	252	1040530	41.855	ng	99
89) Benzo(k)fluoranthene	15.19	252	924306	39.460	ng	99
90) Benzo(a)pyrene	15.54	252	891159	40.765	ng	100
91) Dibenzo(a,h)anthracene	17.15	278	762967	40.549	ng	98
92) Benzo(g,h,i)perylene	17.60	276	709967	37.883	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

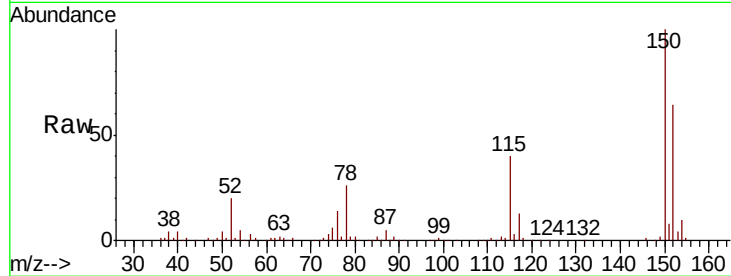


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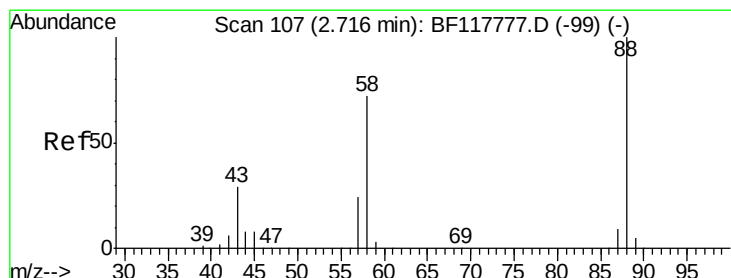
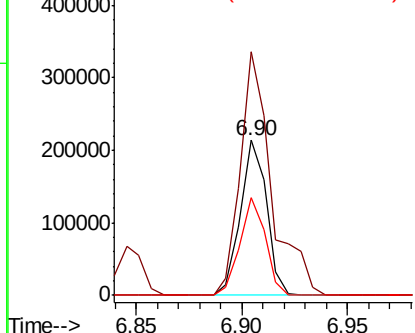
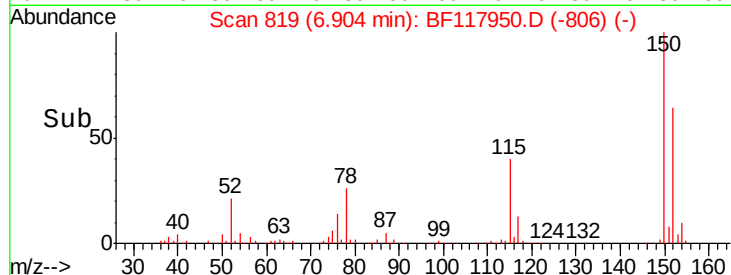
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 182814
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 63.2 47.0 70.4



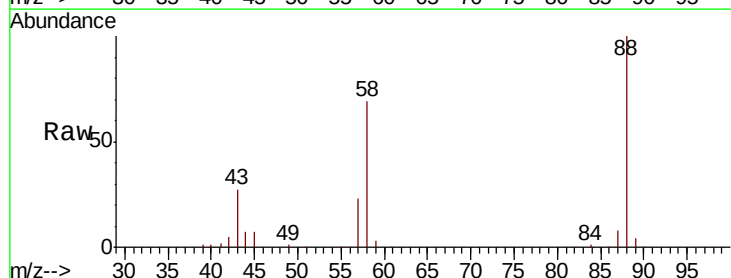
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



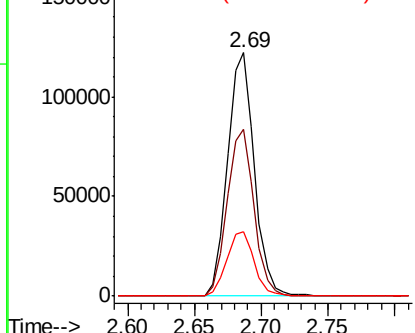
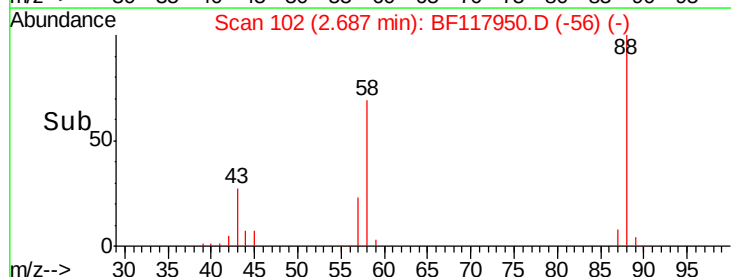
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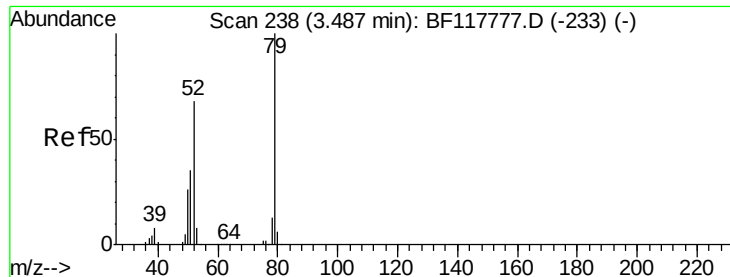
1,4-Dioxane
Concen: 35.517 ng
RT: 2.69 min Scan# 102
Delta R.T. -0.03 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion: 88 Resp: 171461
Ion Ratio Lower Upper
88 100
58 68.7 58.2 87.2
43 27.5 23.3 34.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

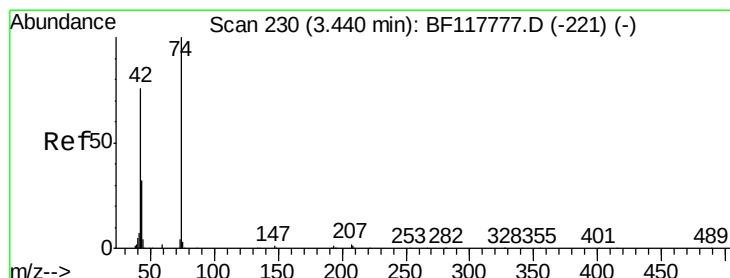
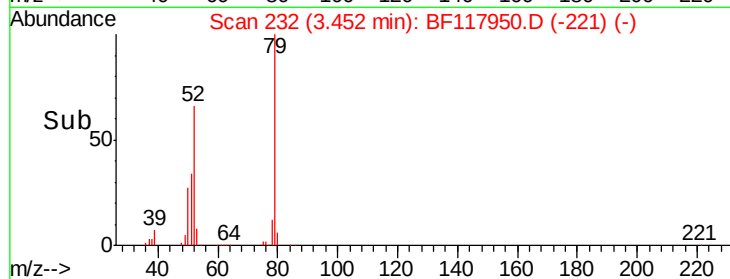
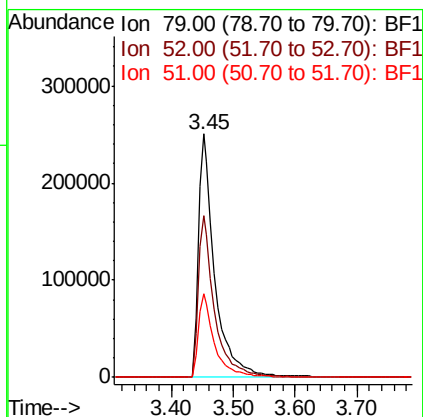
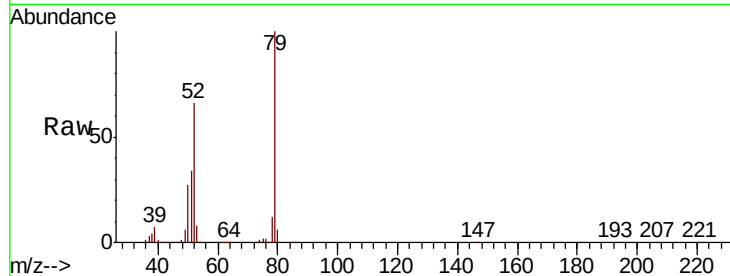




#3
 Pvridine
 Concen: 36.728 ng
 RT: 3.45 min Scan# 232
 Delta R.T. -0.04 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

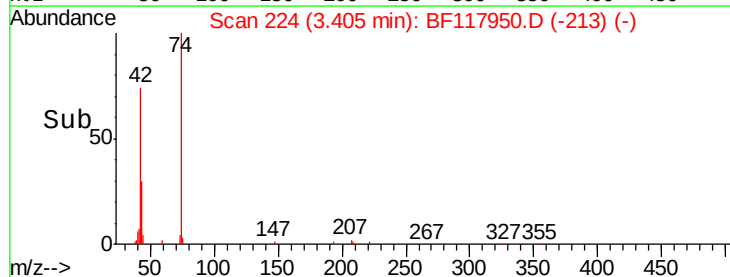
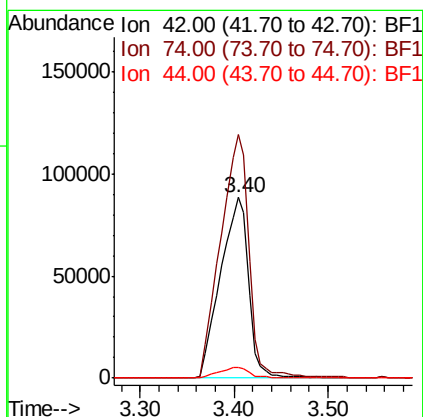
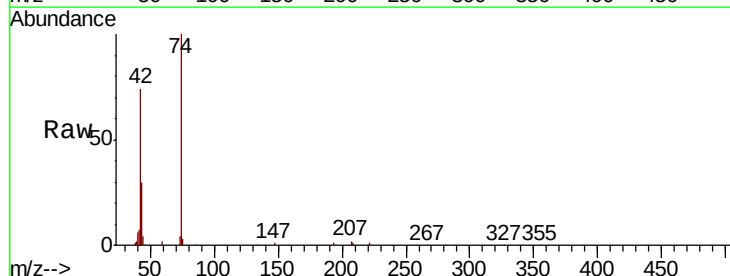
Instrument :
 BNA_F
 ClientSampleId :

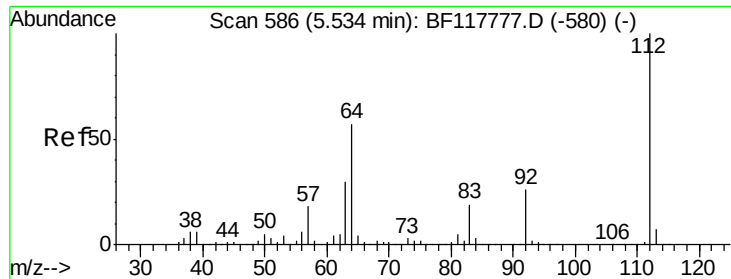
Tot Ion	Ratio	Lower	Upper
79	100		
52	66.2	54.8	82.2
51	34.5	28.2	42.4



#4
 n-Nitrosodimethylamine
 Concen: 33.373 ng
 RT: 3.40 min Scan# 224
 Delta R.T. -0.04 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.9	105.1	157.7
44	6.0	4.6	7.0





#5

2-Fluorophenol

Concen: 77.469 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampleId :

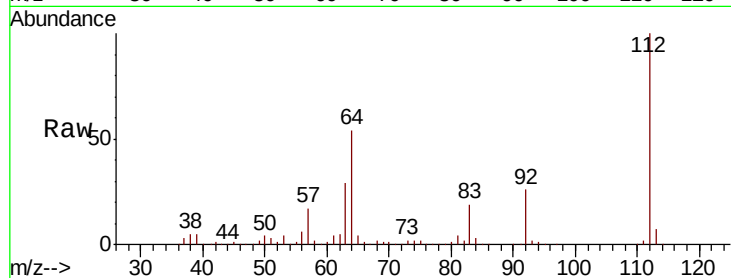
Tot Ion:112 Resp: 800091

Ion Ratio Lower Upper

112 100

64 54.3 45.6 68.4

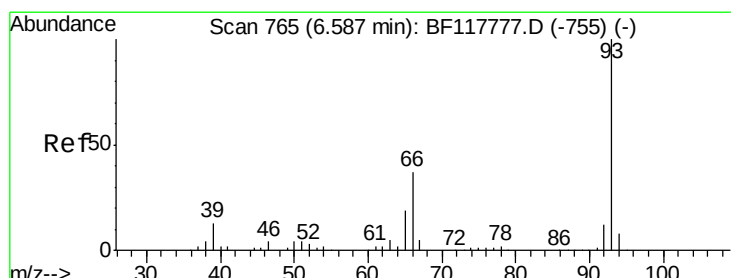
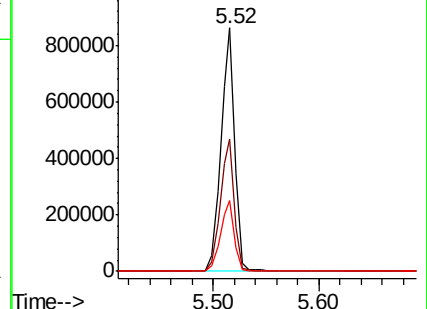
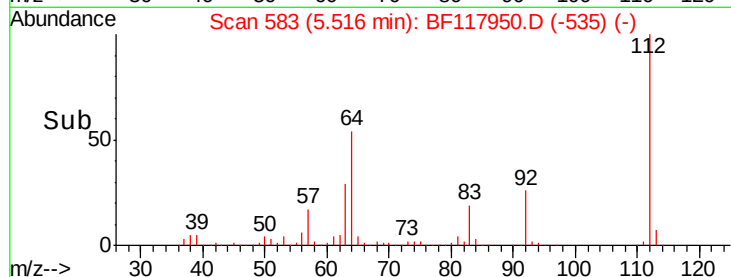
63 29.1 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.876 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

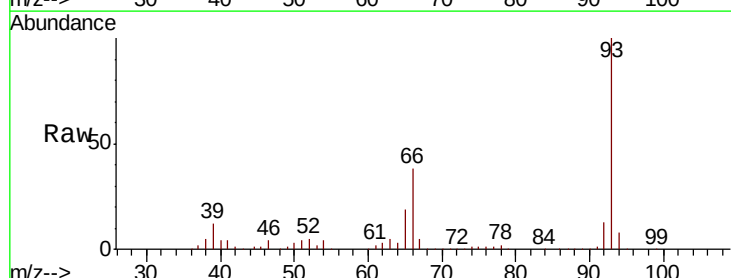
Tgt Ion: 93 Resp: 672873

Ion Ratio Lower Upper

93 100

66 38.0 30.6 45.8

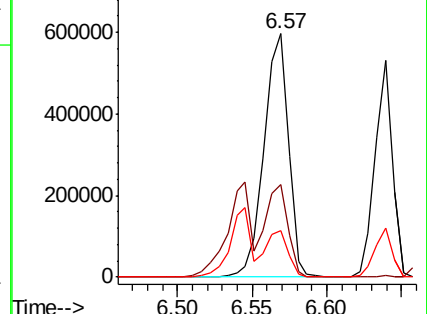
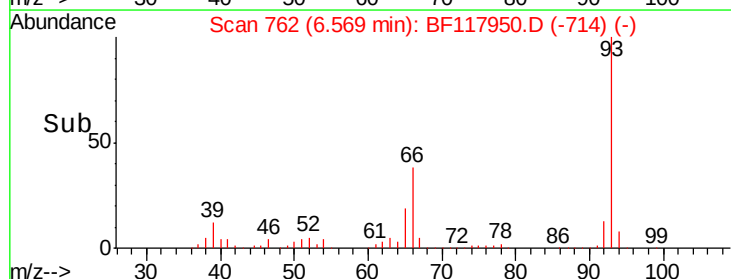
65 18.9 15.6 23.4

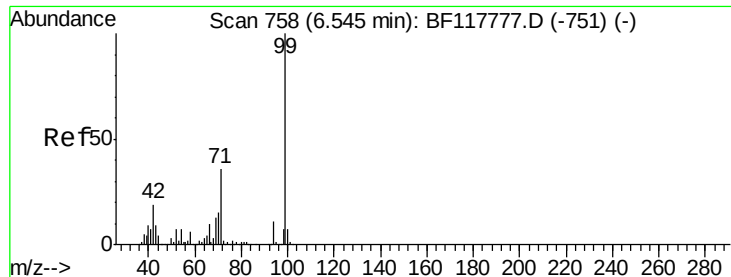


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.873 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampleId :

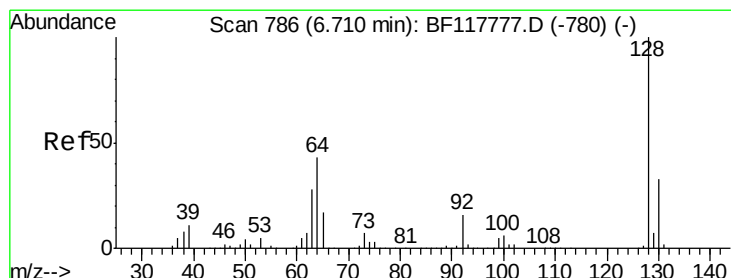
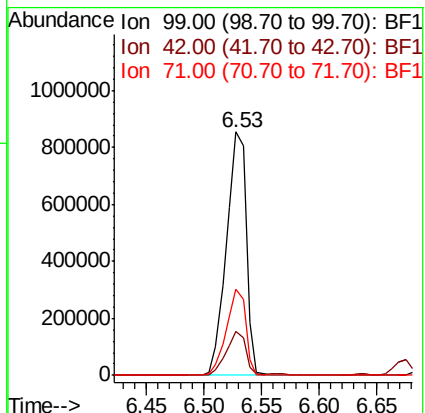
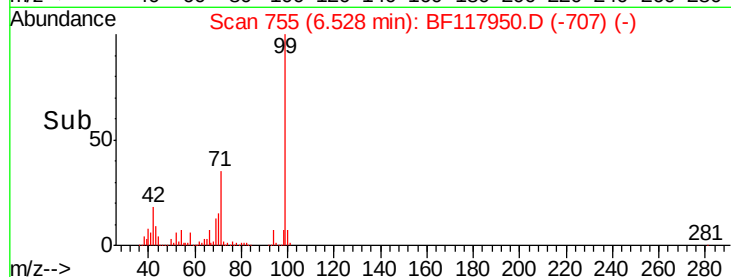
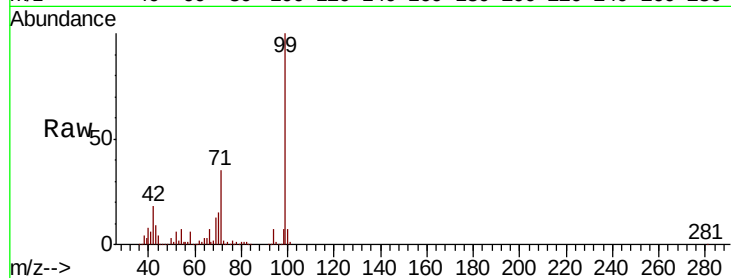
Tot Ion: 99 Resp: 1019892

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.9	22.3
71	35.5	28.6	43.0

99 100

42 17.8 14.9 22.3

71 35.5 28.6 43.0



#8

2-Chlorophenol

Concen: 41.839 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

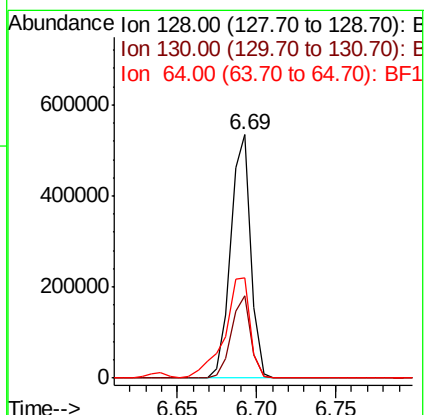
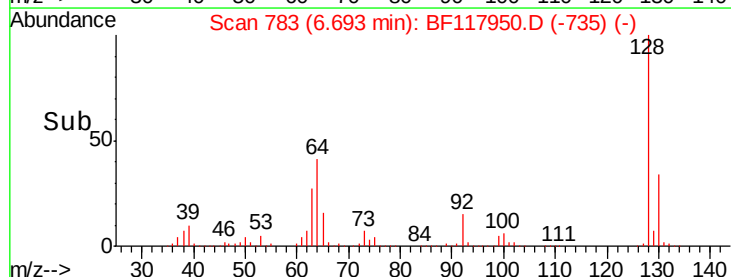
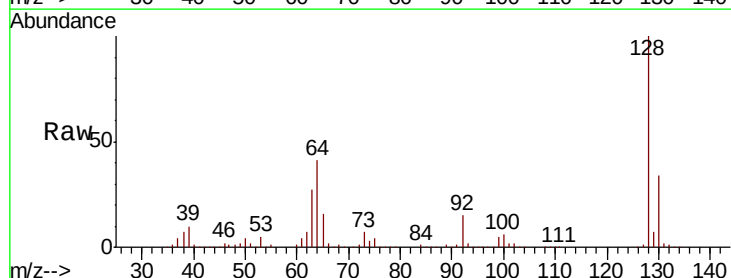
Tgt Ion: 128 Resp: 468876

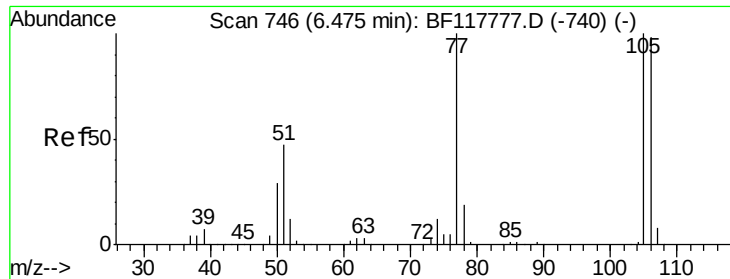
Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.2	53.2
64	41.1	23.7	63.7

128 100

130 33.7 13.2 53.2

64 41.1 23.7 63.7





#9

Benzaldehyde

Concen: 39.584 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampleId :

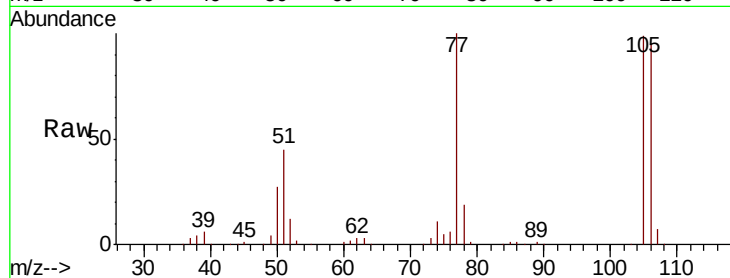
Tot Ion: 77 Resp: 319935

Ion Ratio Lower Upper

77 100

105 99.1 80.2 120.2

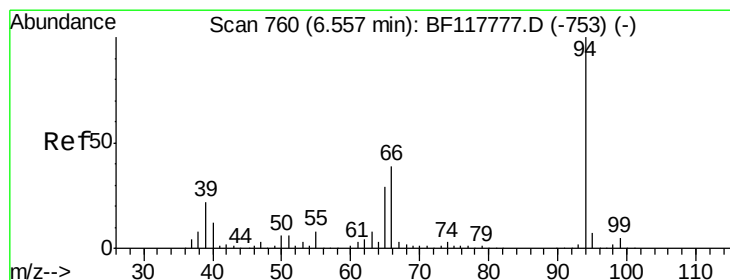
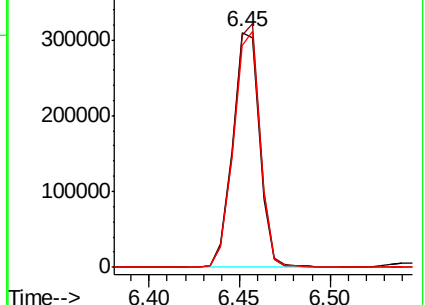
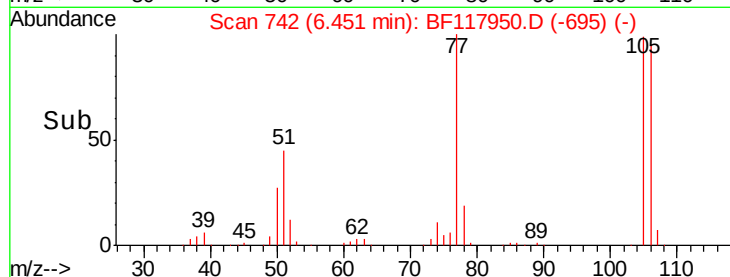
106 94.7 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 45.766 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

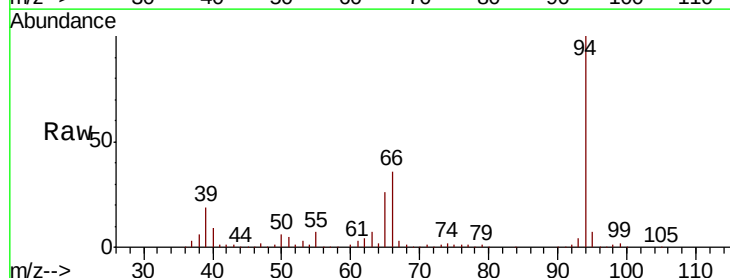
Tgt Ion: 94 Resp: 592430

Ion Ratio Lower Upper

94 100

65 26.1 8.9 48.9

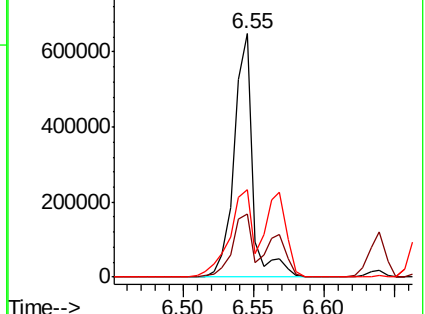
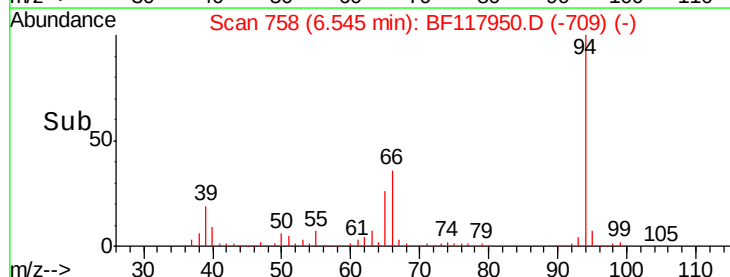
66 36.2 18.7 58.7

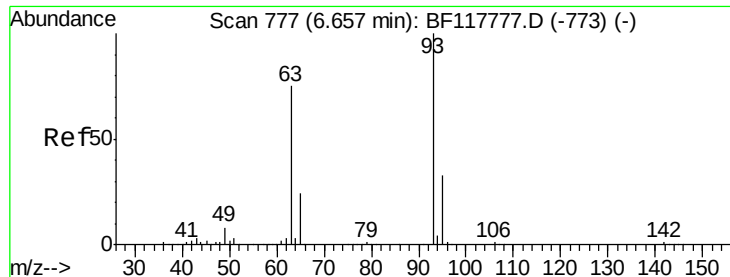


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

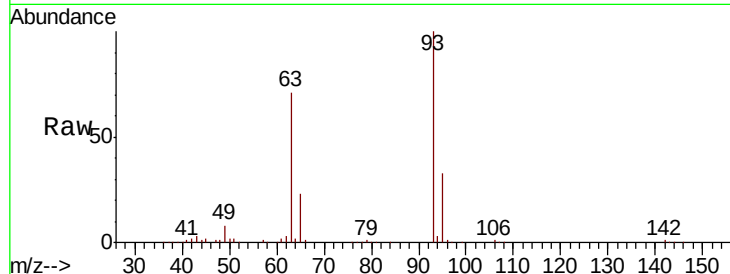




#11
bis(2-Chloroethyl)ether
Concen: 41.096 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.5	54.8	94.8
95	33.3	12.7	52.7

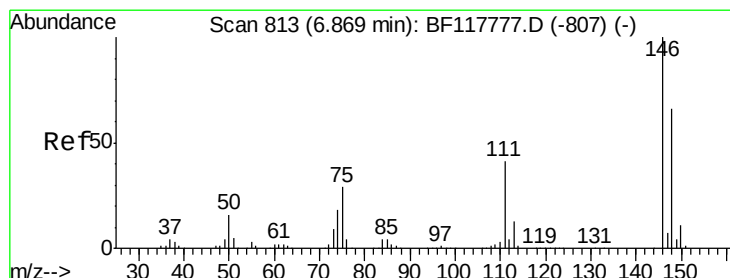
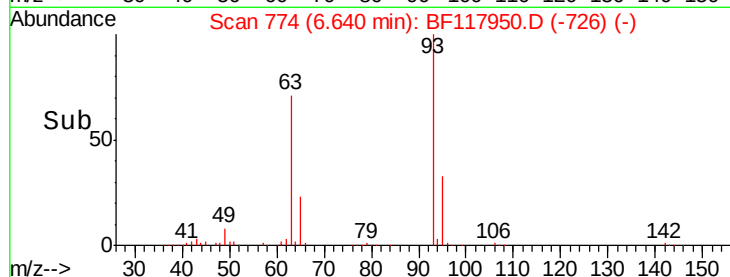
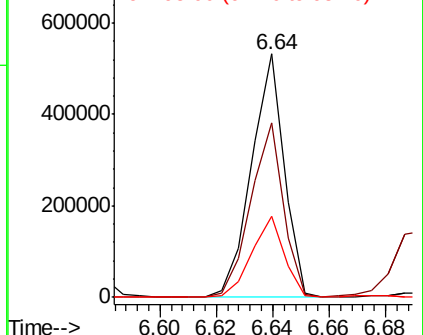


Abundance

Ion 93.00 (92.70 to 93.70): BF1

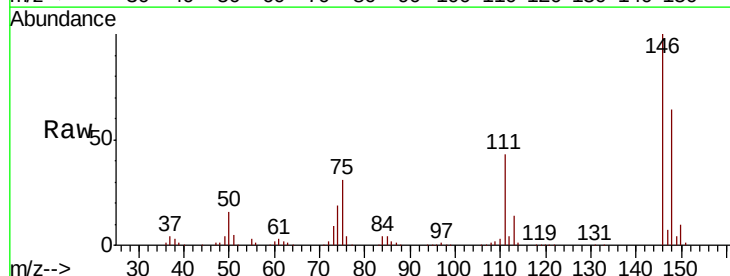
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 42.108 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.8	79.2
75	31.2	23.4	35.0

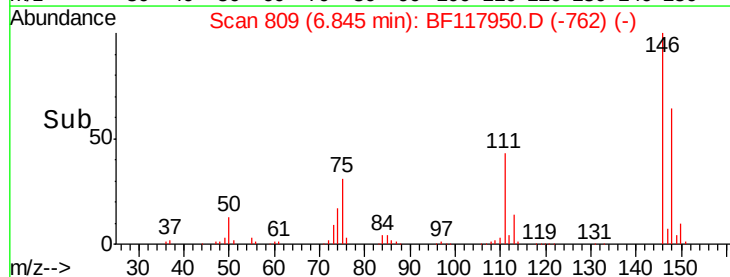
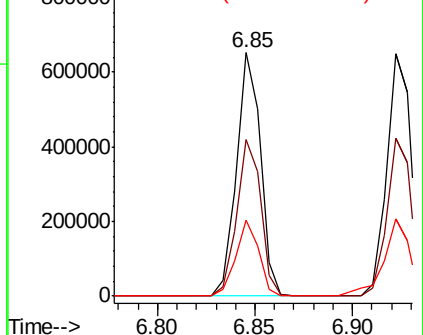


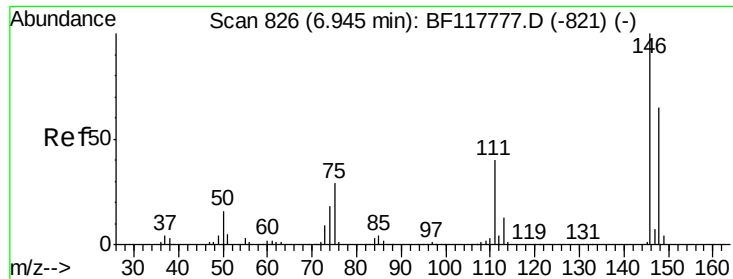
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

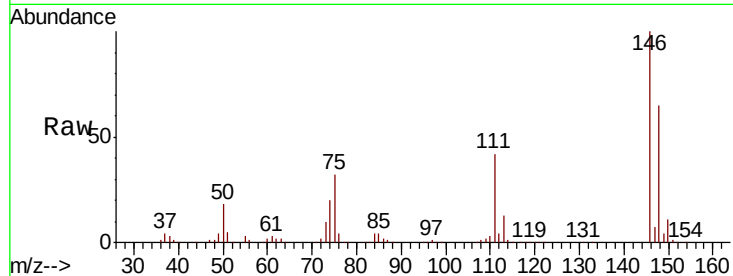




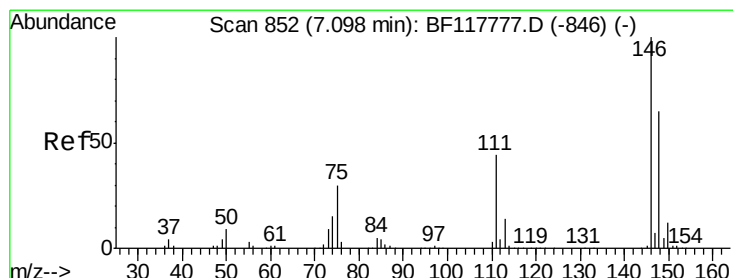
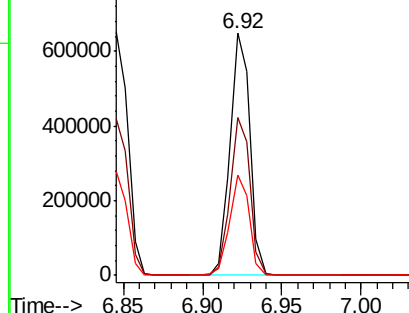
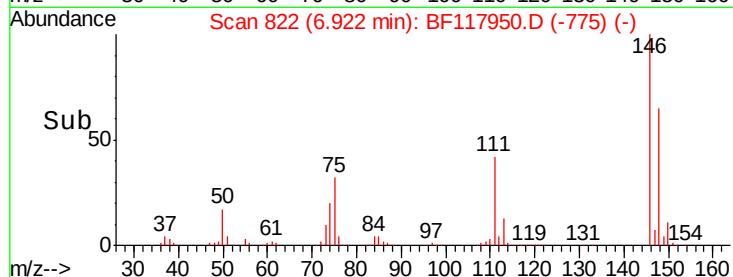
#13
 1,4-Dichlorobenzene
 Concen: 42.303 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 564150
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.3 78.5
 111 41.6 32.2 48.4

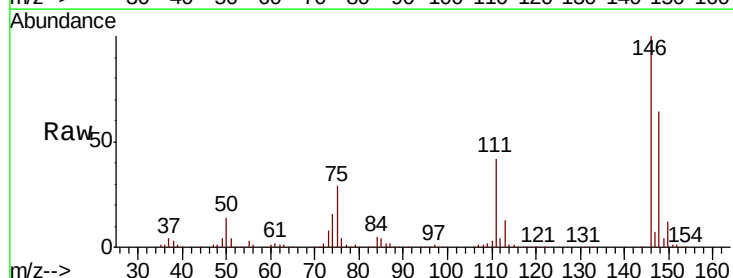


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

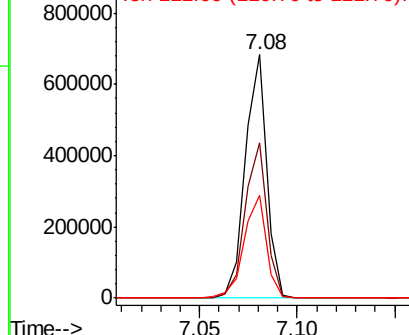
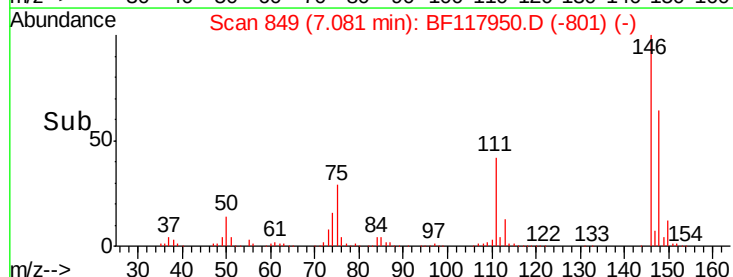


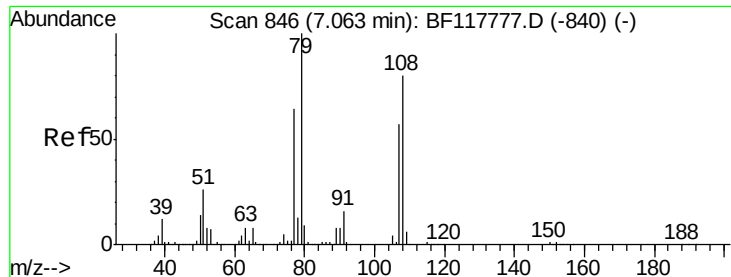
#14
 1,2-Dichlorobenzene
 Concen: 41.044 ng
 RT: 7.08 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Tgt Ion:146 Resp: 523489
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.8
 111 42.2 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.360 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampled :

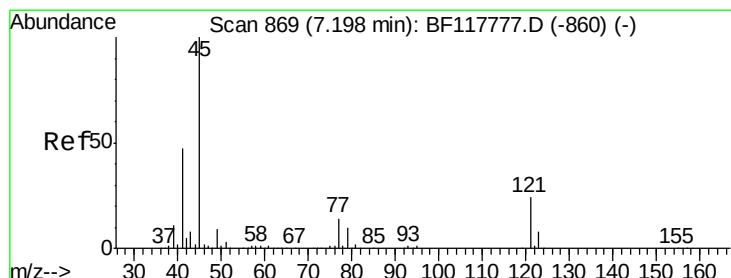
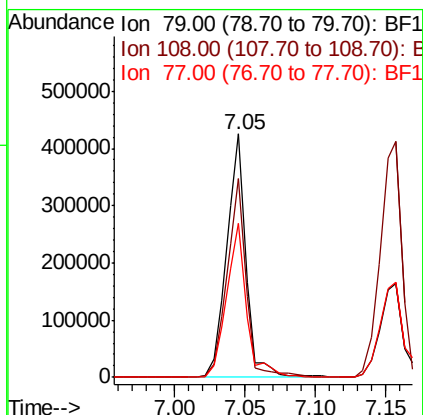
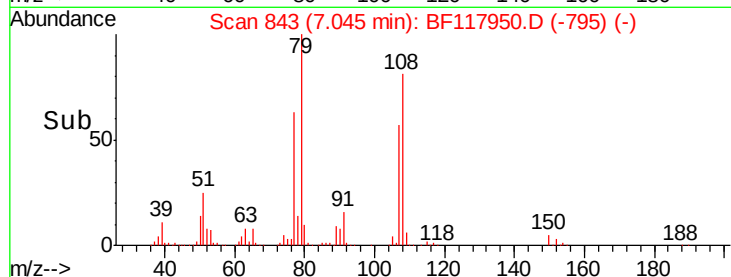
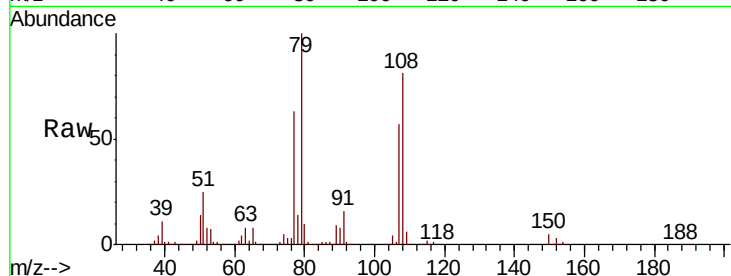
Tot Ion: 79 Resp: 407400

Ion Ratio Lower Upper

79 100

108 81.5 64.1 96.1

77 63.1 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.039 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

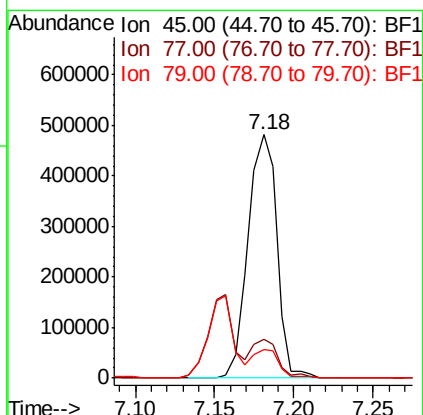
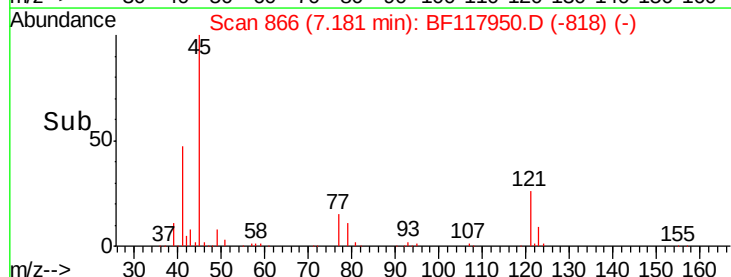
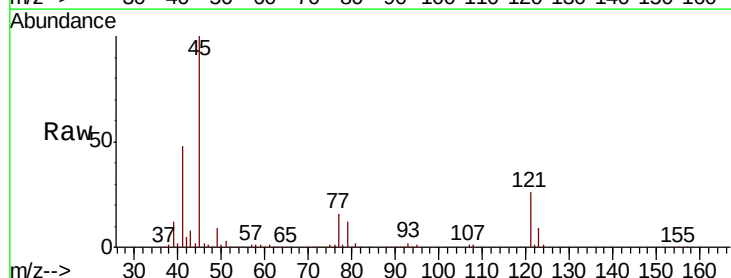
Tgt Ion: 45 Resp: 608797

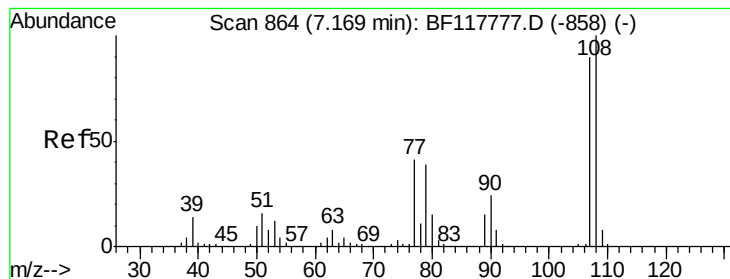
Ion Ratio Lower Upper

45 100

77 16.0 0.0 35.0

79 12.0 0.0 31.1

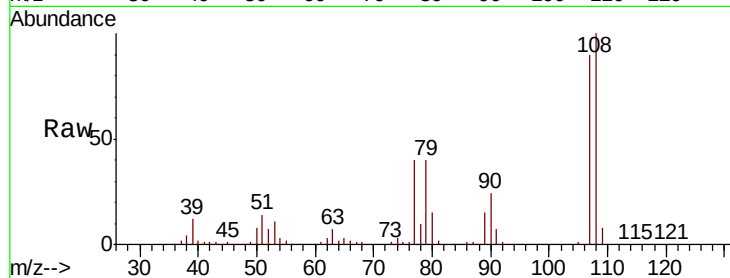




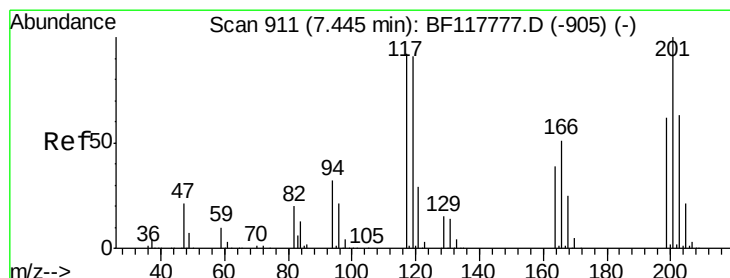
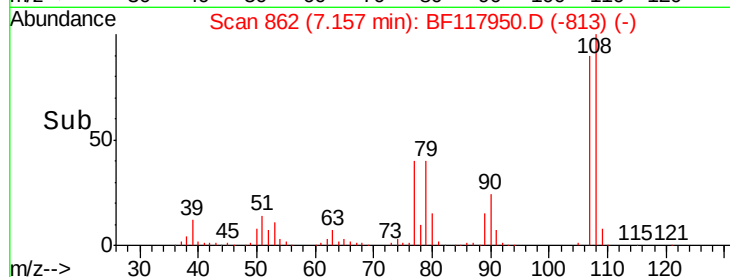
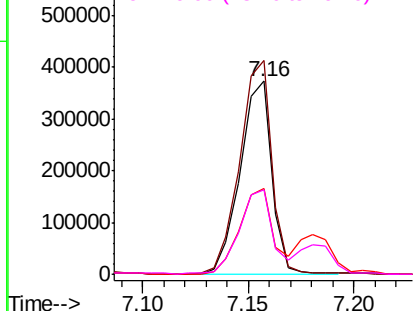
#17
2-Methylphenol
Concen: 40.912 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 388271
Ion Ratio Lower Upper
107 100
108 110.7 89.1 133.7
77 44.3 36.6 54.8
79 43.9 35.2 52.8

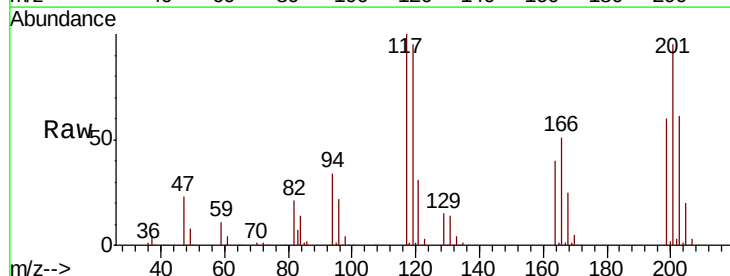


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

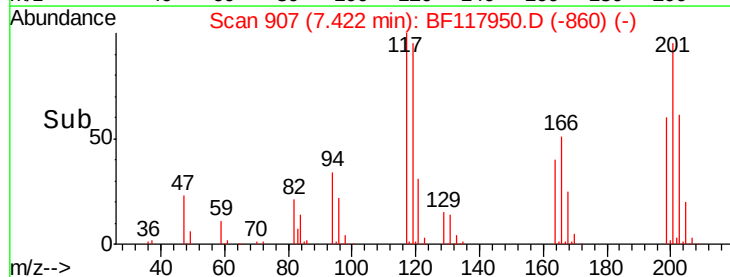
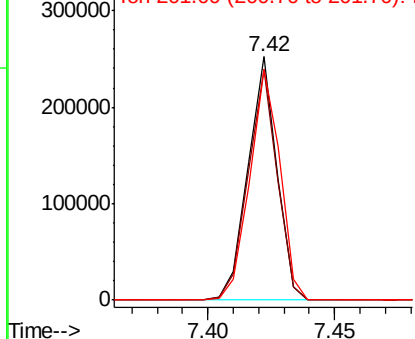


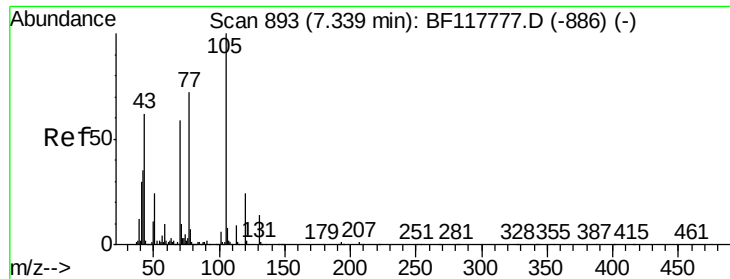
#18
Hexachloroethane
Concen: 40.798 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion:117 Resp: 199871
Ion Ratio Lower Upper
117 100
119 94.6 78.7 118.1
201 94.9 86.5 129.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

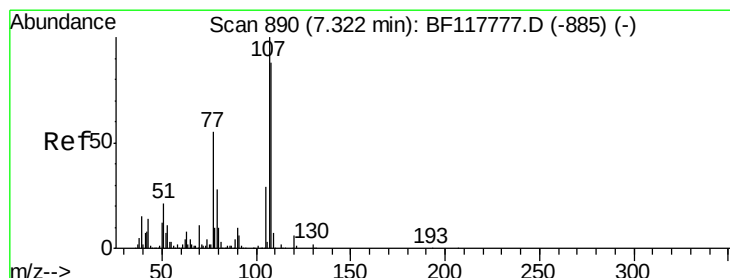
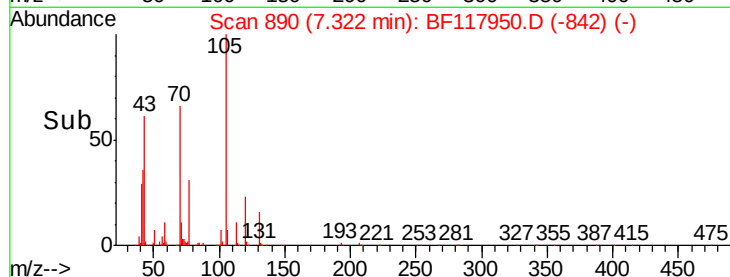
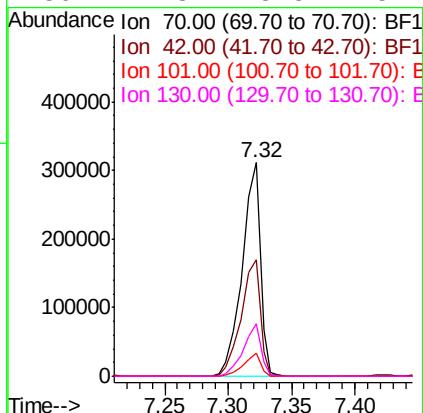
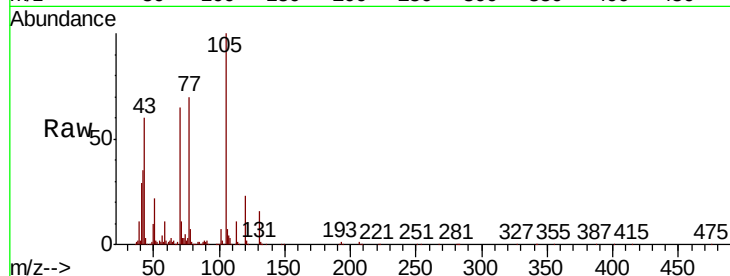




#19
n-Nitroso-di-n-propylamine
Concen: 40.255 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

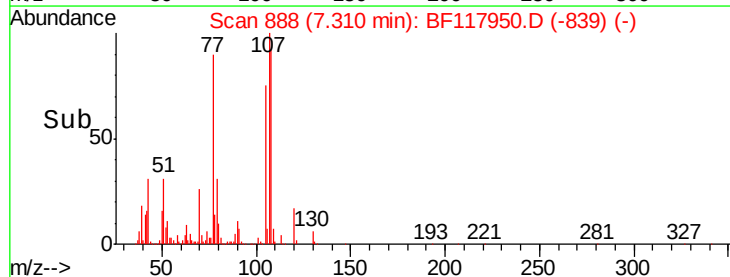
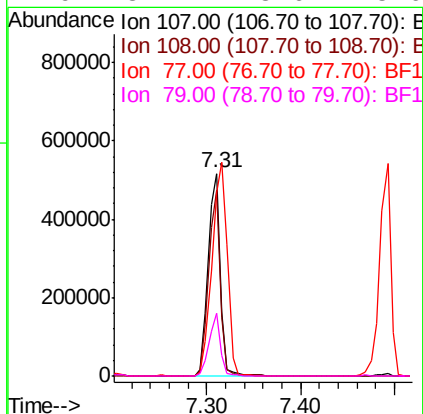
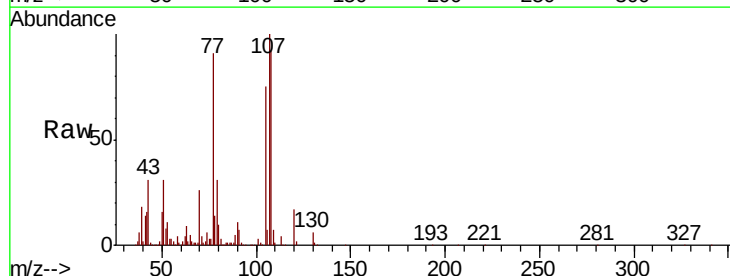
Instrument :
BNA_F
ClientSampleId :

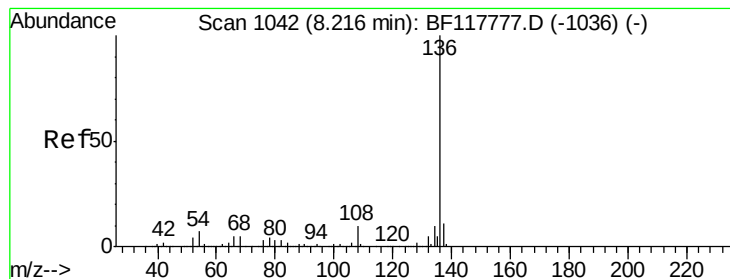
Tot Ion:	70	Resp:	309357
Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.4	71.2
101	10.6	8.4	12.6
130	24.8	18.8	28.2



#20
3+4-Methylphenols
Concen: 40.183 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion:	107	Resp:	473381
Ion	Ratio	Lower	Upper
107	100		
108	92.0	68.4	108.4
77	90.5	35.2	75.2#
79	31.1	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 710974

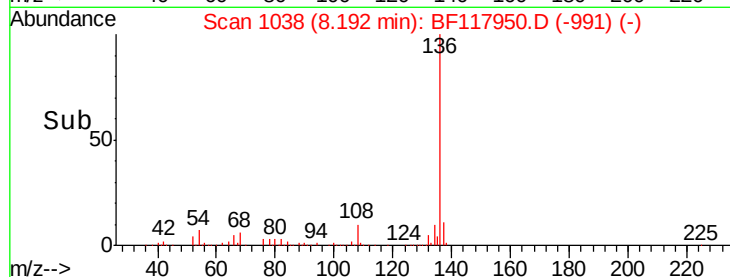
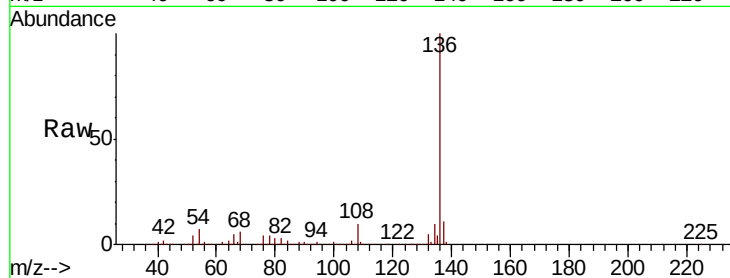
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.5 5.4 8.2

68 5.8 4.3 6.5

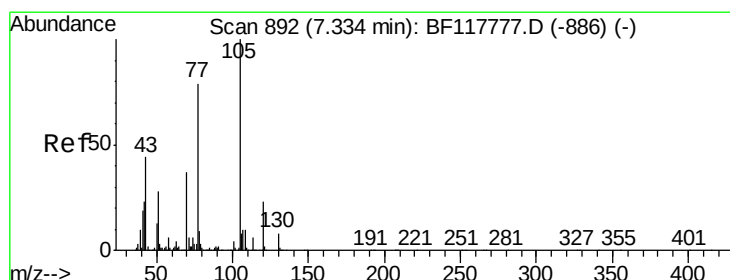
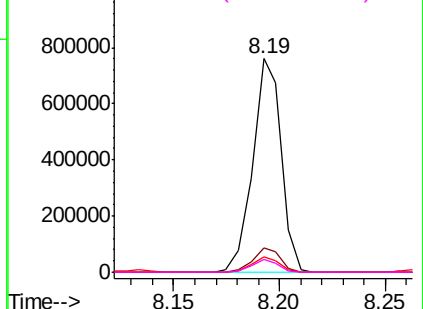


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.066 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Tgt Ion:105 Resp: 639997

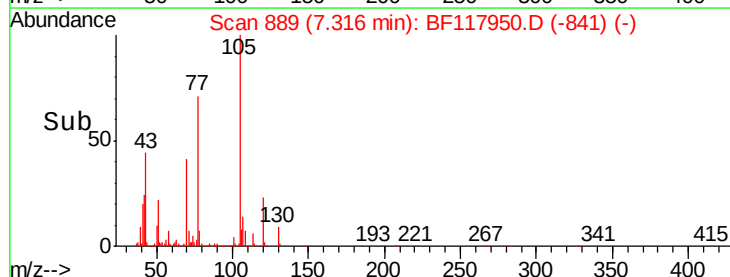
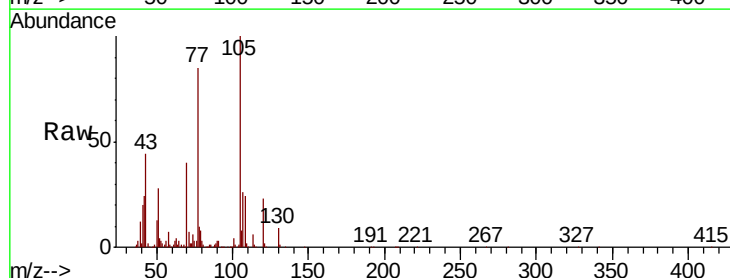
Ion Ratio Lower Upper

105 100

71 6.6 4.9 7.3

51 27.8 22.7 34.1

120 23.3 18.5 27.7

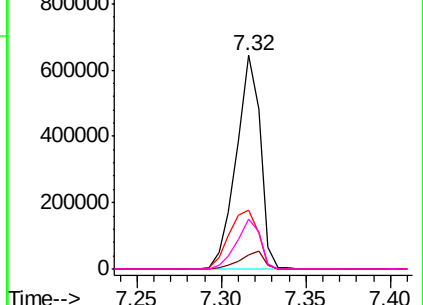


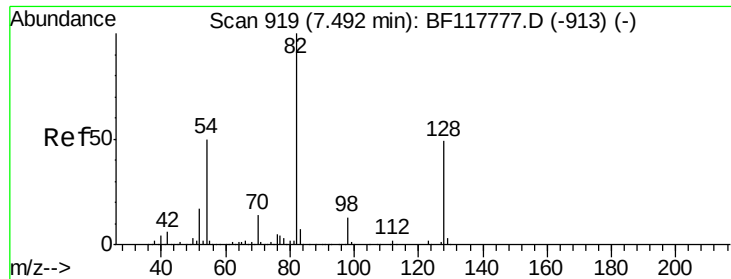
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

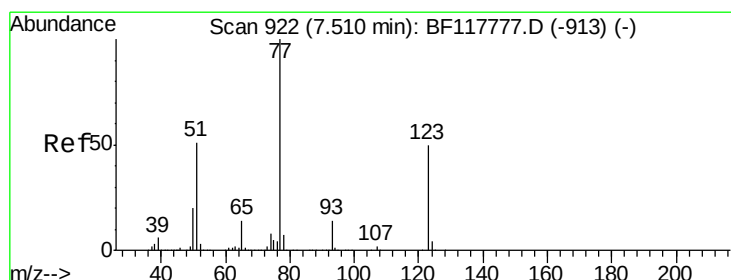
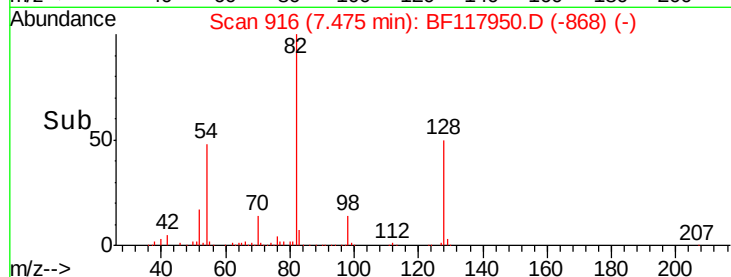
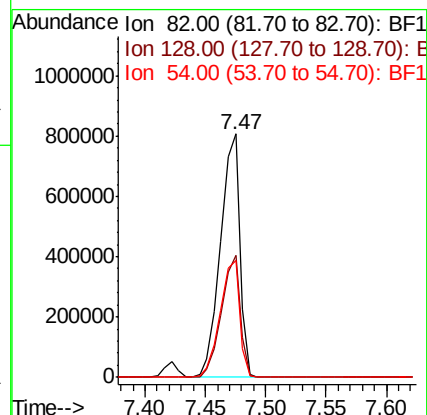
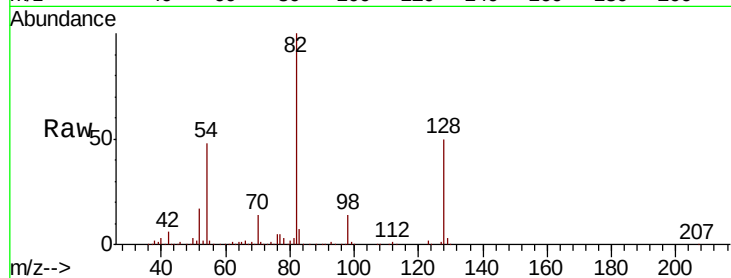




#23
 Nitrobenzene-d5
 Concen: 74.267 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

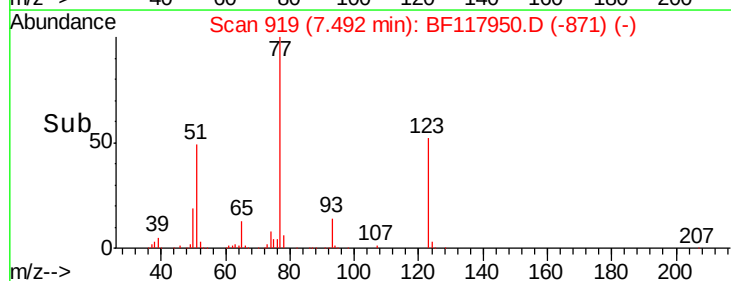
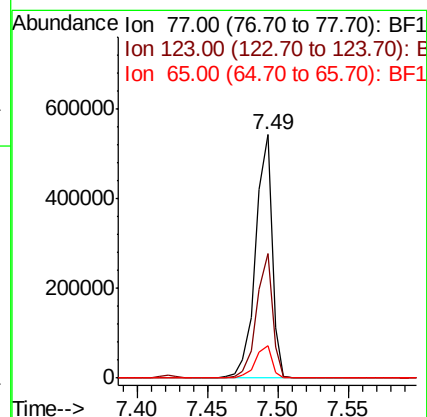
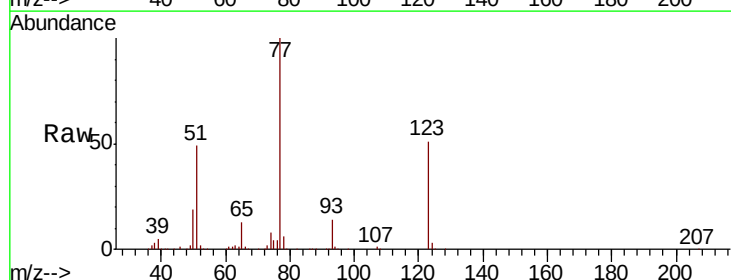
Instrument :
 BNA_F
 ClientSampleId :

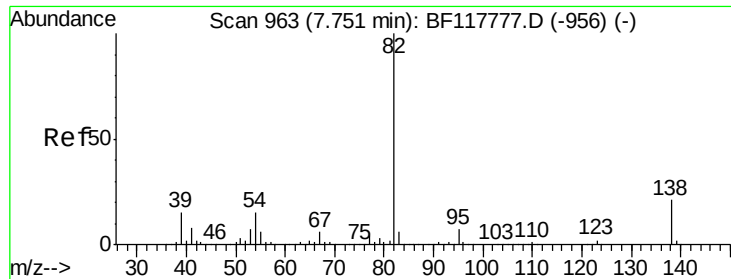
Tot Ion	82	Resp	888237
Ion Ratio	Lower	Upper	
82	100		
128	50.0	38.9	58.3
54	48.1	39.8	59.6



#24
 Nitrobenzene
 Concen: 36.379 ng
 RT: 7.49 min Scan# 919
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Tgt Ion	77	Resp	448860
Ion Ratio	Lower	Upper	
77	100		
123	51.3	40.3	60.5
65	13.4	10.9	16.3





#25

Isophorone

Concen: 40.087 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampleId :

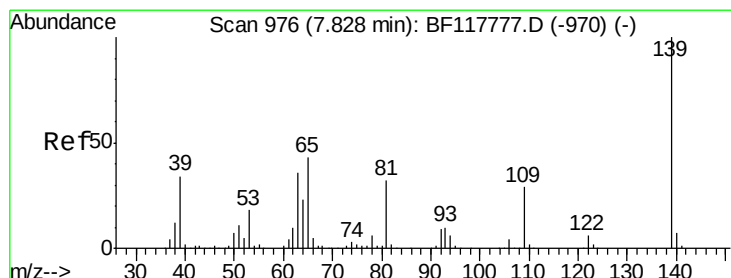
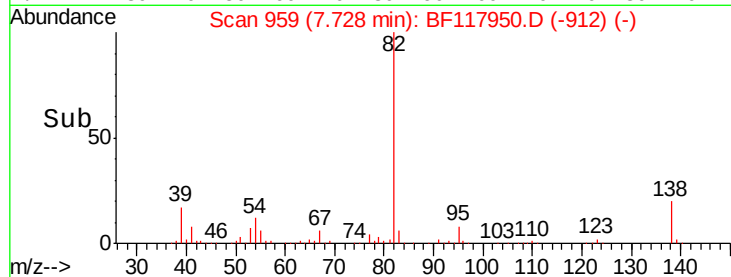
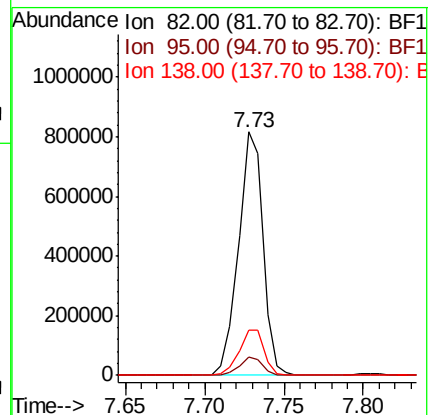
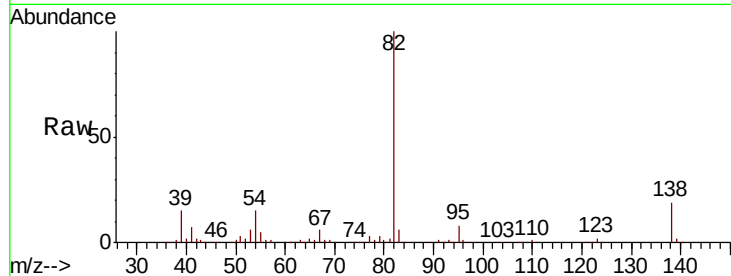
Tot Ion: 82 Resp: 878741

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

138 18.8 16.5 24.7



#26

2-Nitrophenol

Concen: 44.091 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

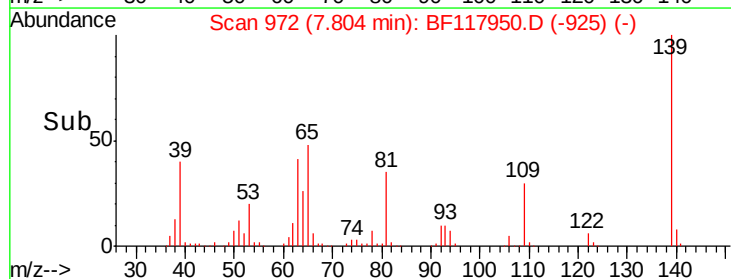
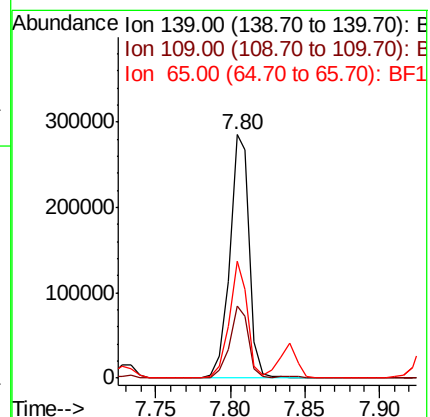
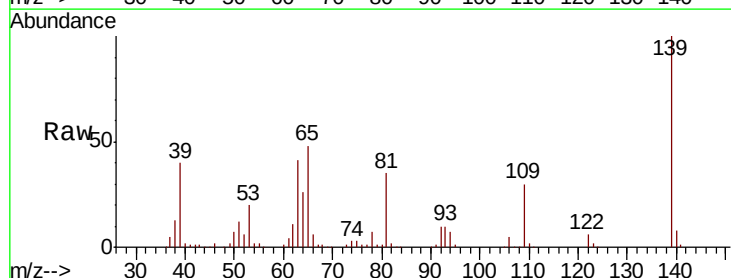
Tgt Ion: 139 Resp: 264787

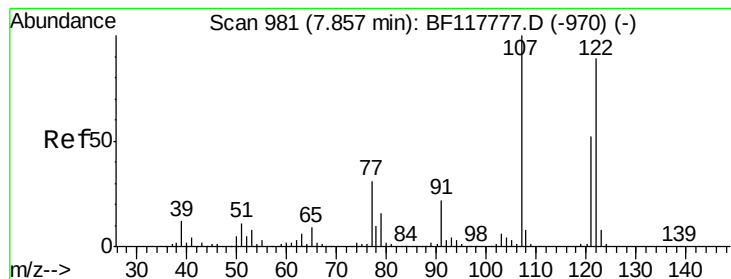
Ion Ratio Lower Upper

139 100

109 29.7 23.0 34.4

65 47.8 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 38.471 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampleId :

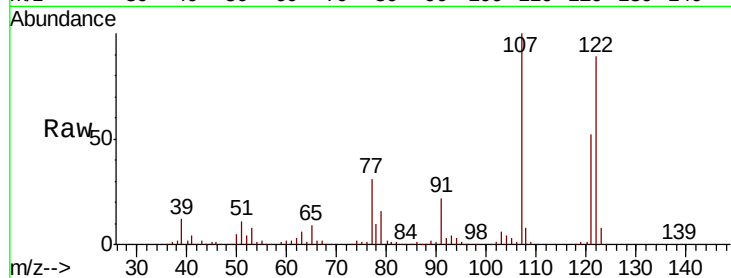
Tot Ion:122 Resp: 359004

Ion Ratio Lower Upper

122 100

107 111.9 90.0 135.0

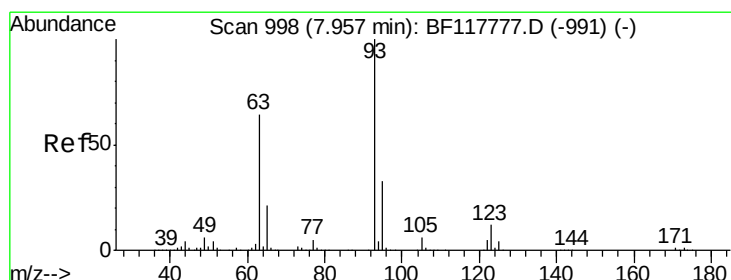
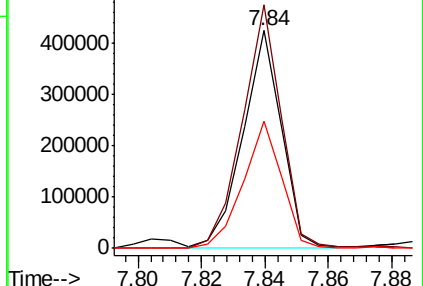
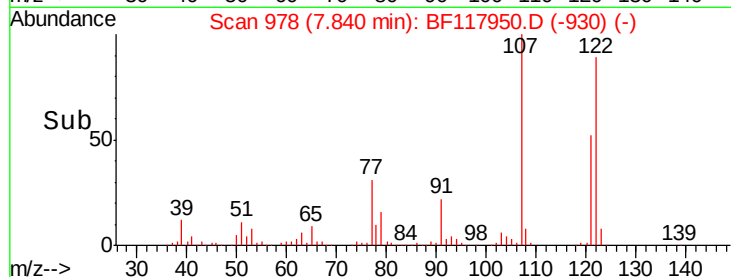
121 58.2 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.676 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

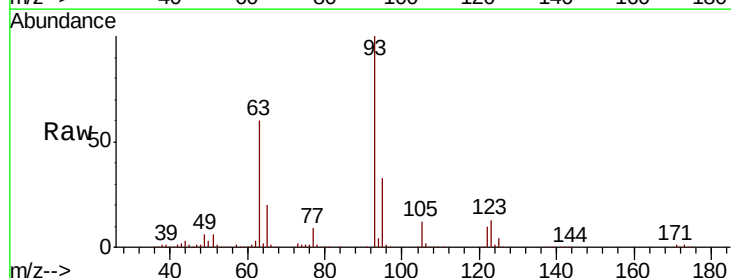
Tgt Ion: 93 Resp: 565817

Ion Ratio Lower Upper

93 100

95 32.6 26.6 40.0

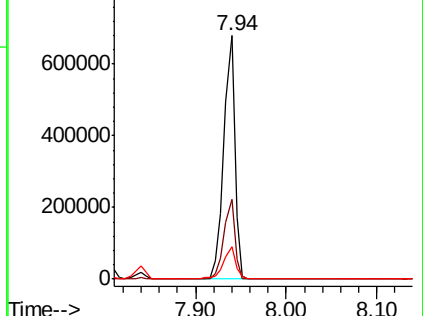
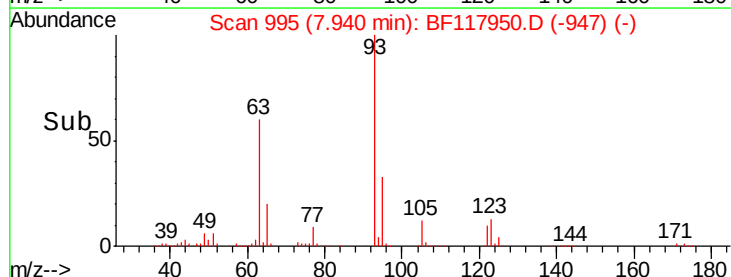
123 13.1 10.3 15.5

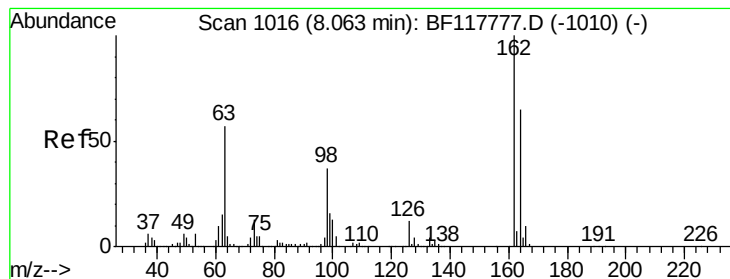


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.843 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampled :

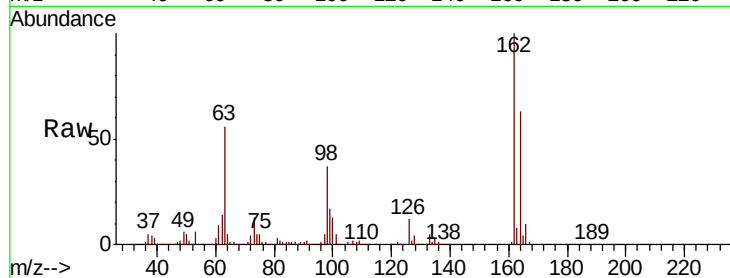
Tot Ion:162 Resp: 413422

Ion Ratio Lower Upper

162 100

164 62.5 45.1 85.1

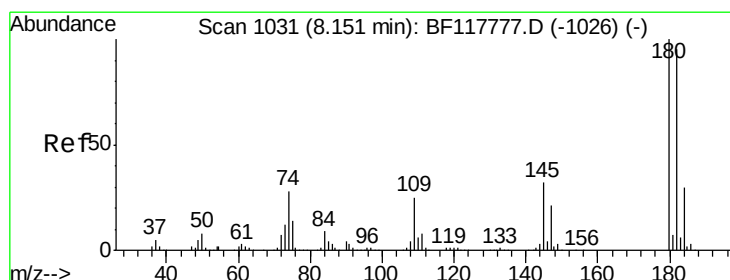
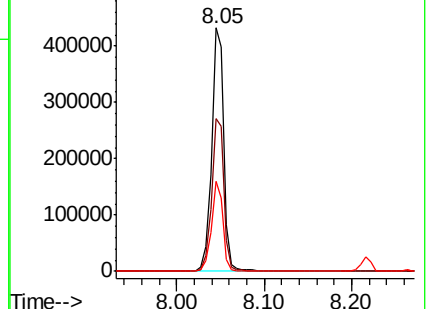
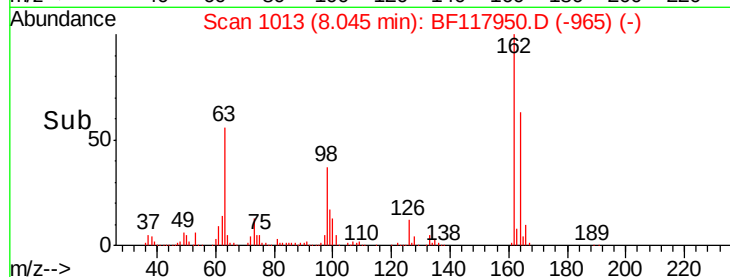
98 37.1 17.2 57.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.310 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

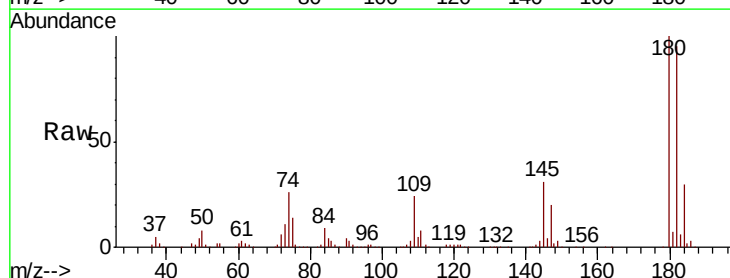
Tgt Ion:180 Resp: 485025

Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.6

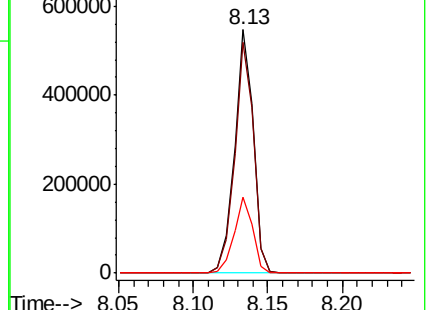
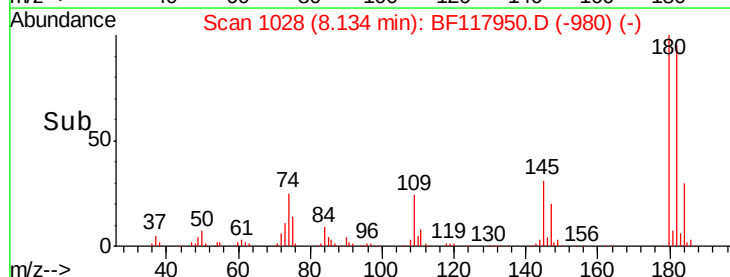
145 31.3 25.5 38.3

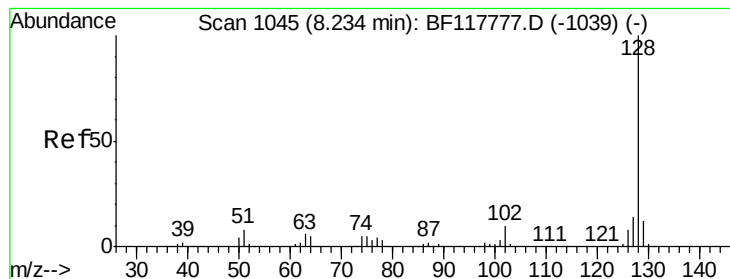


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.994 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampleId :

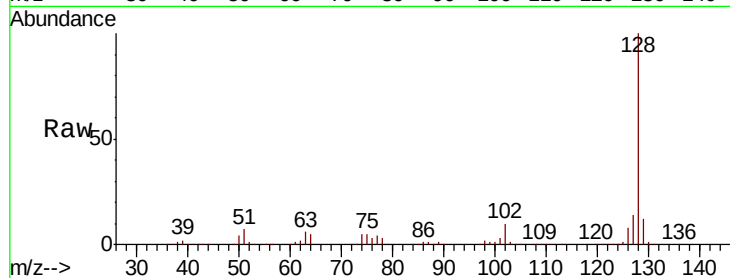
Tot Ion:128 Resp: 1425027

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

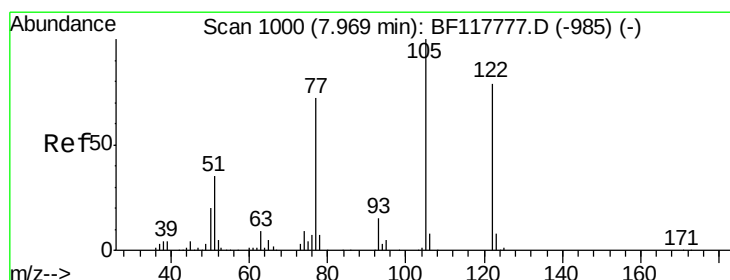
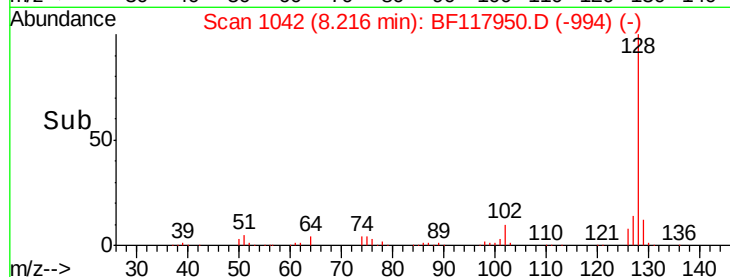
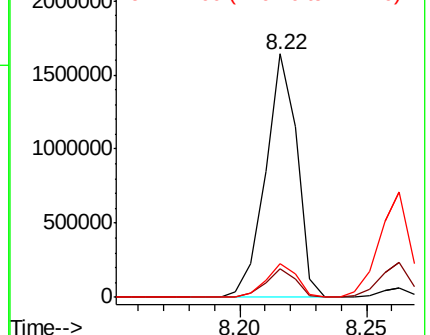
127 13.8 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.367 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

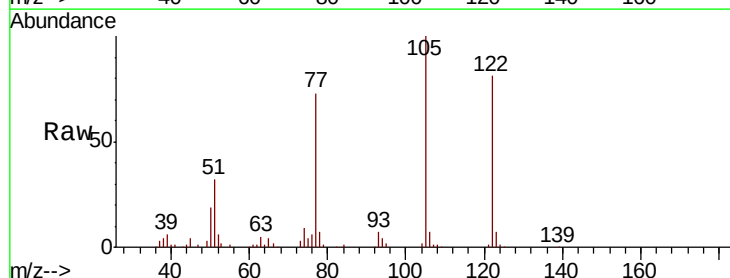
Tgt Ion:122 Resp: 245089

Ion Ratio Lower Upper

122 100

105 123.1 102.7 142.7

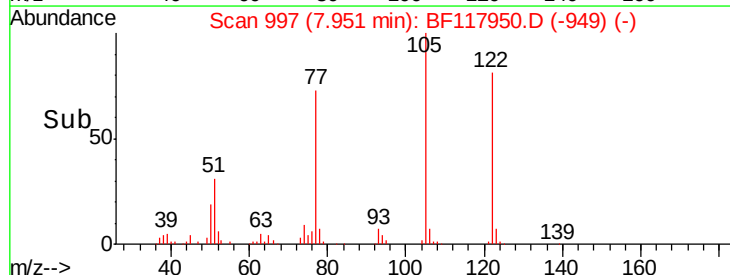
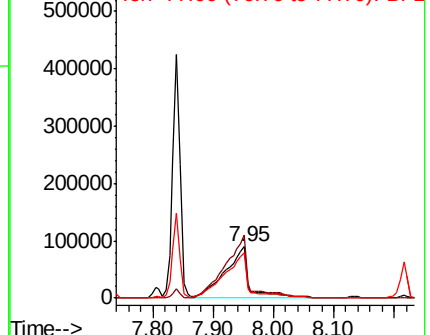
77 89.4 70.5 110.5

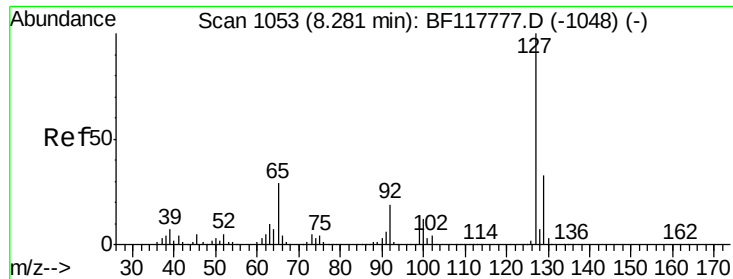


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

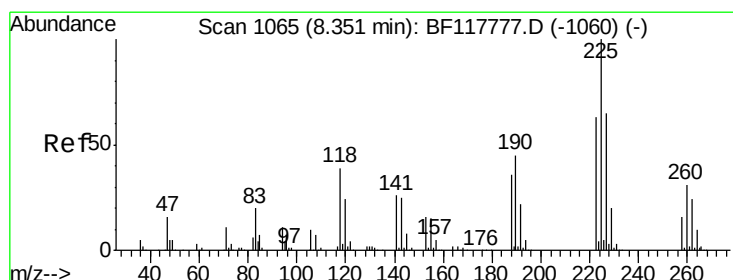
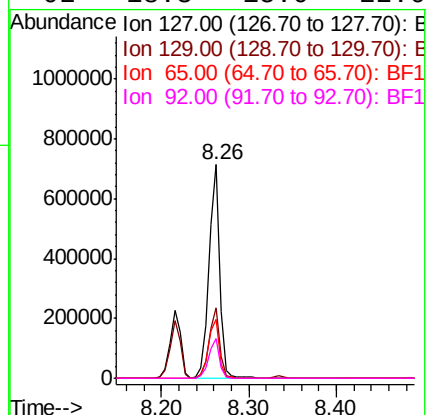
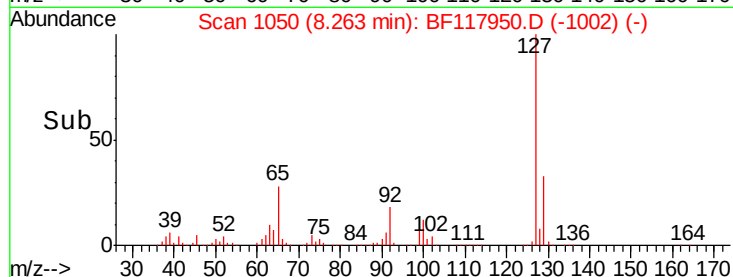
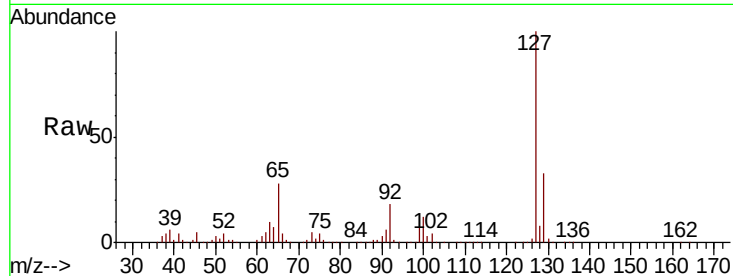




#33
 4-Chloroaniline
 Concen: 41.051 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

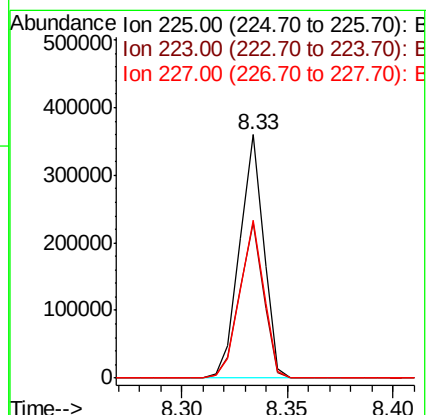
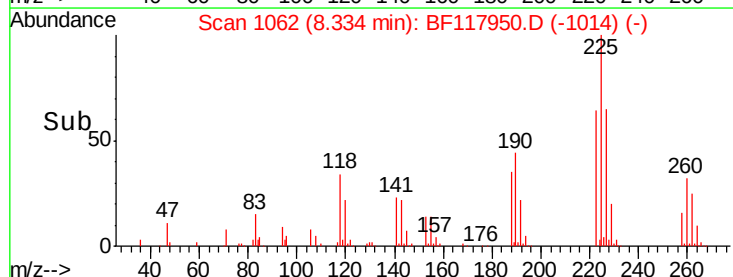
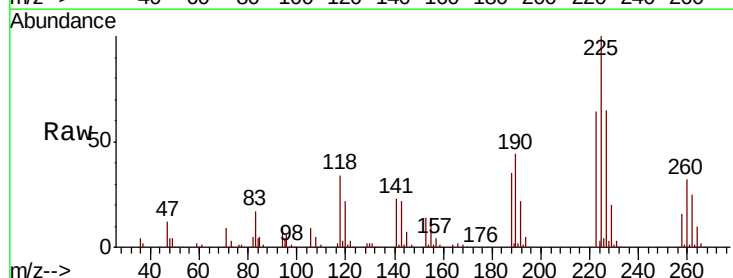
Instrument :
 BNA_F
 ClientSampled :

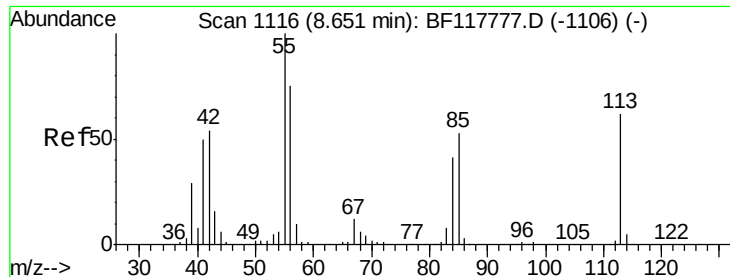
Tot Ion:	127	Resp:	609134
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	27.6	22.9	34.3
92	18.3	15.0	22.6



#34
 Hexachlorobutadiene
 Concen: 41.138 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Tgt Ion:	225	Resp:	282401
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.0	75.0
227	64.9	51.8	77.6

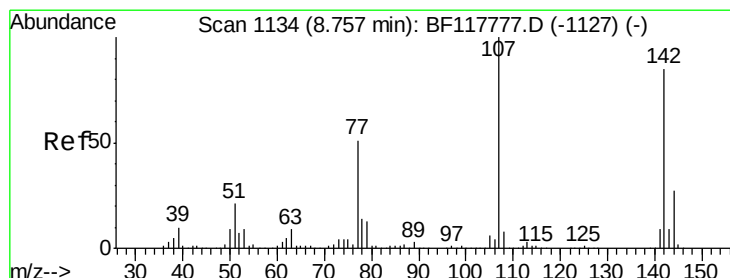
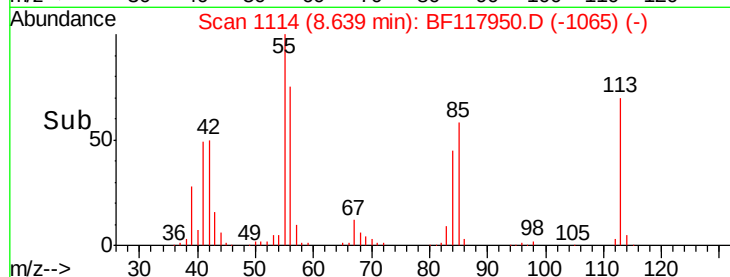
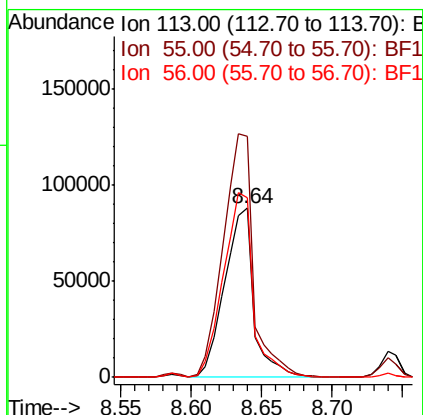
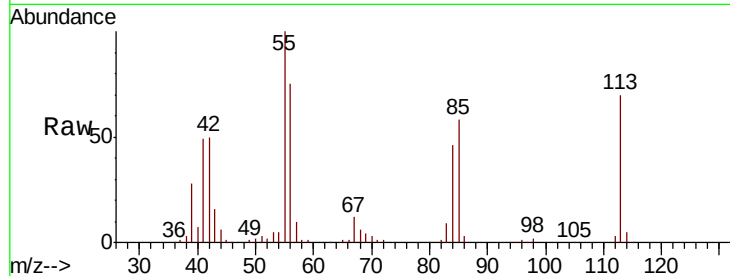




#35
 Caprolactam
 Concen: 39.273 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

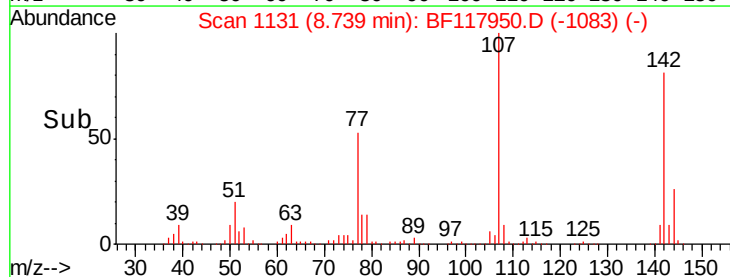
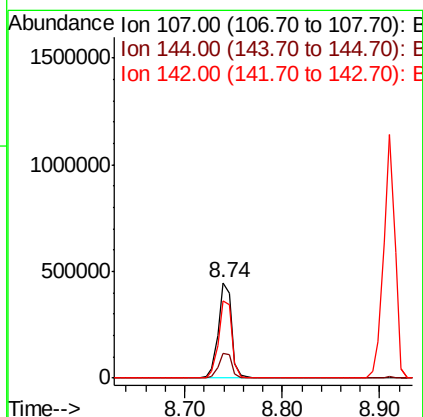
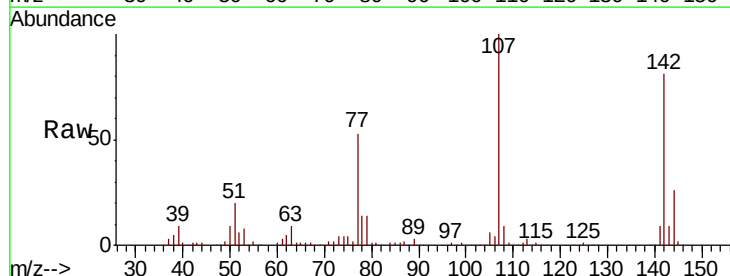
Instrument :
 BNA_F
 ClientSampleId :

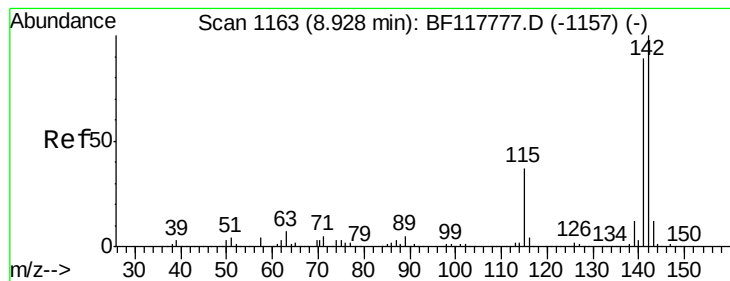
Tot Ion:113 Resp: 126341
 Ion Ratio Lower Upper
 113 100
 55 142.5 141.1 181.1
 56 106.3 100.5 140.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.284 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Tgt Ion:107 Resp: 424102
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.9 32.9
 142 80.7 67.7 101.5





#37

2-Methylnaphthalene

Concen: 41.480 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampleId :

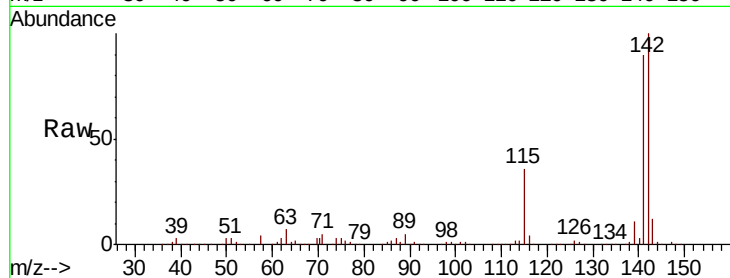
Tot Ion:142 Resp: 928940

Ion Ratio Lower Upper

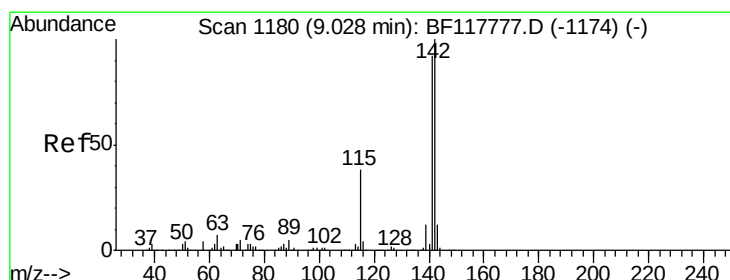
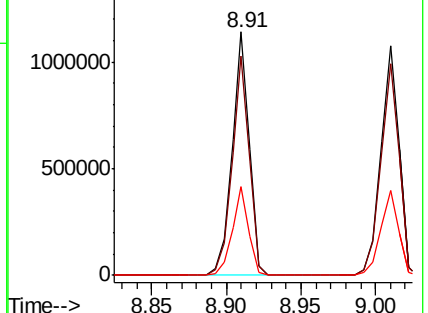
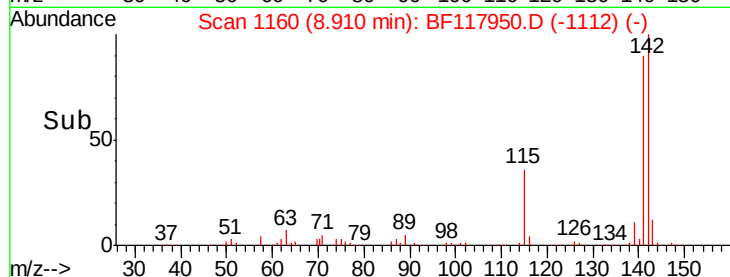
142 100

141 90.0 71.1 106.7

115 36.5 29.2 43.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.189 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

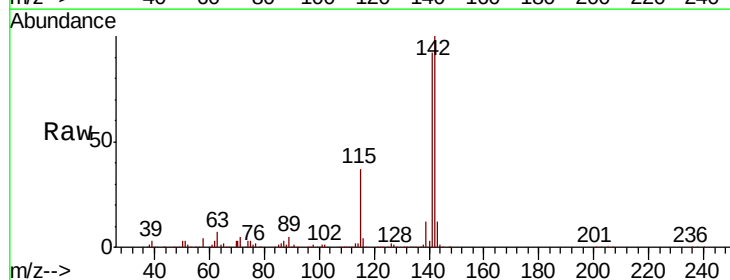
Tgt Ion:142 Resp: 893221

Ion Ratio Lower Upper

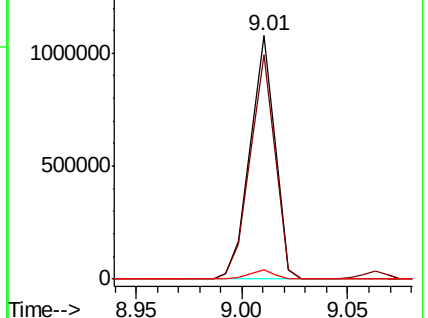
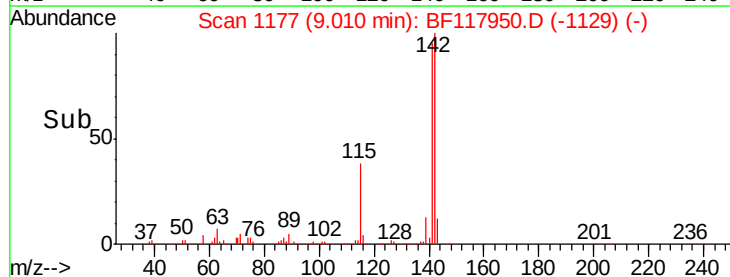
142 100

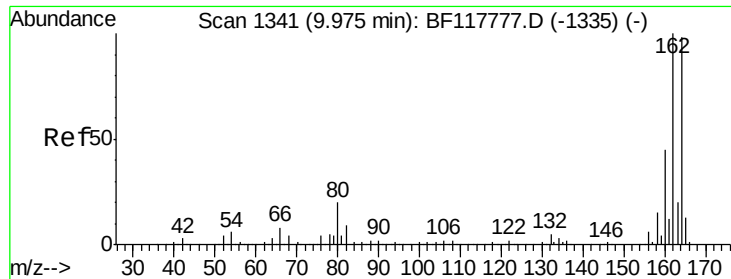
141 92.3 73.5 110.3

116 4.0 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

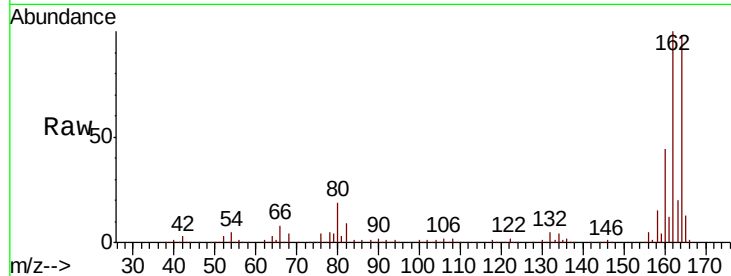




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.3	121.9
160	44.8	36.6	55.0

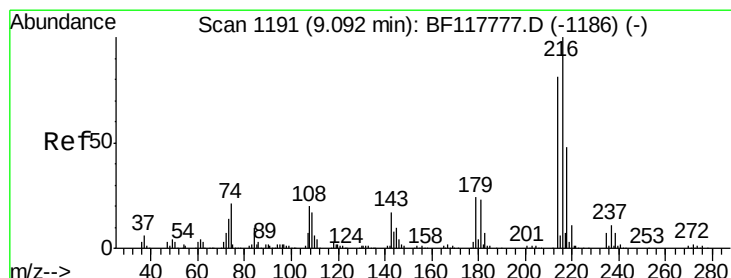
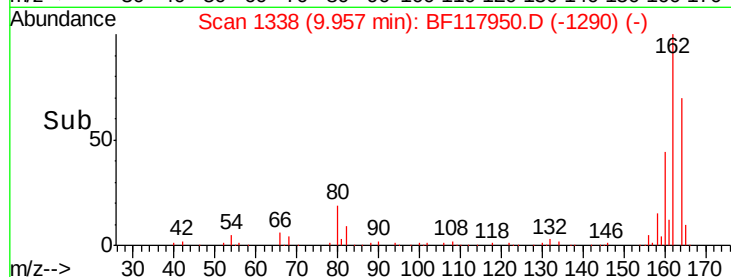
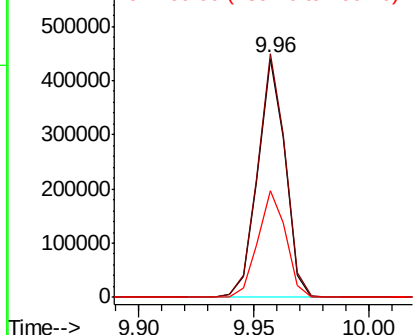


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.569 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.0
179	22.9	18.2	27.4
108	19.5	16.0	24.0

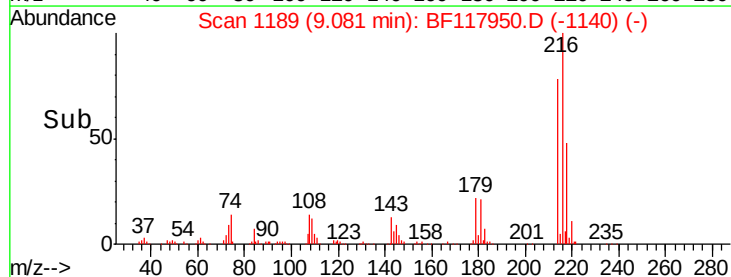
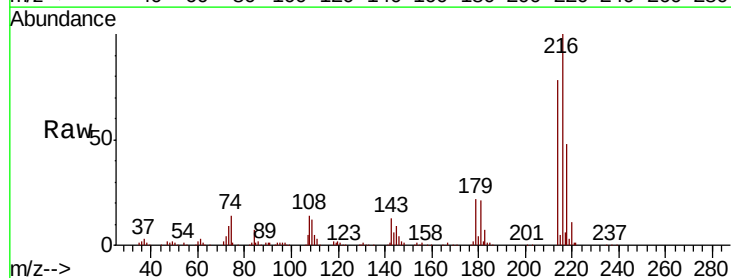
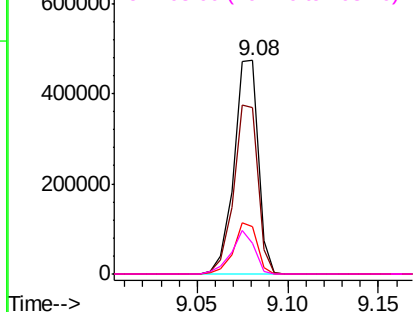
Abundance

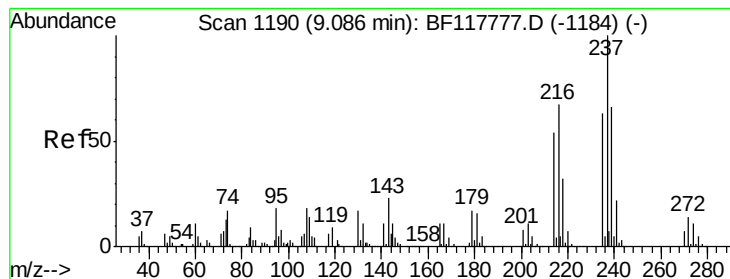
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.827 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampleId :

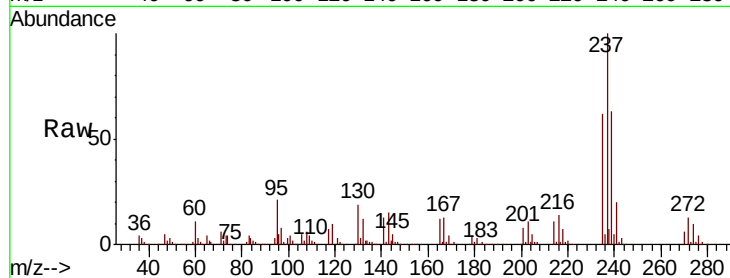
Tot Ion:237 Resp: 231593

Ion Ratio Lower Upper

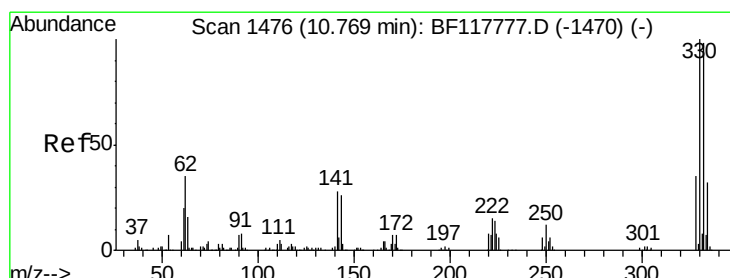
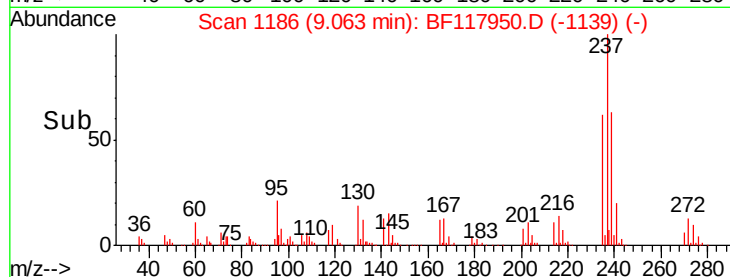
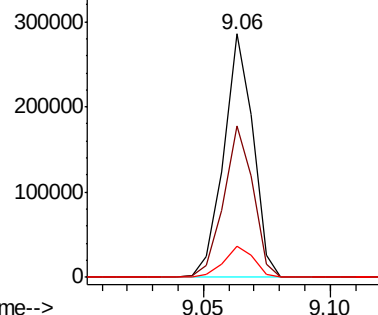
237 100

235 62.4 42.6 82.6

272 12.8 0.0 34.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 87.912 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

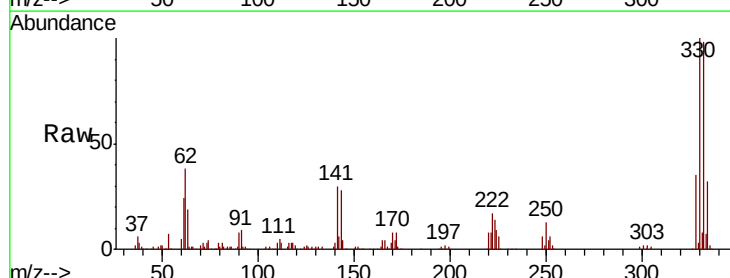
Tgt Ion:330 Resp: 341114

Ion Ratio Lower Upper

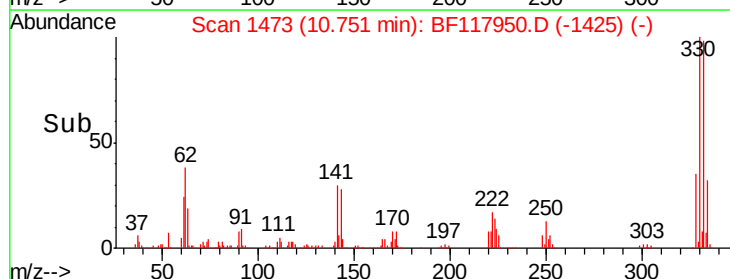
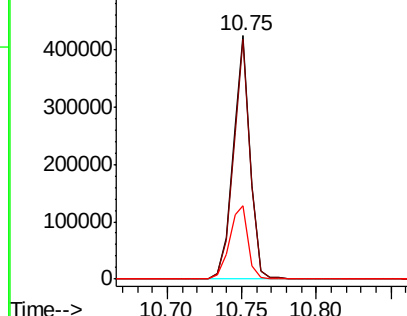
330 100

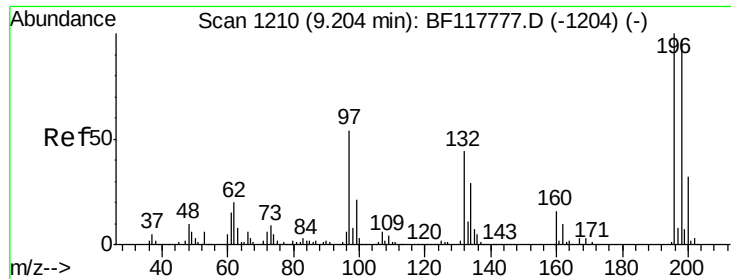
332 97.1 76.7 115.1

141 33.2 27.7 41.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

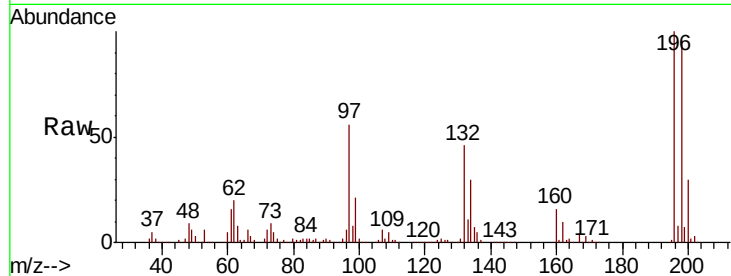




#43
 2,4,6-Trichlorophenol
 Concen: 41.140 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	313640
Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.8	116.6
200	30.2	25.4	38.0

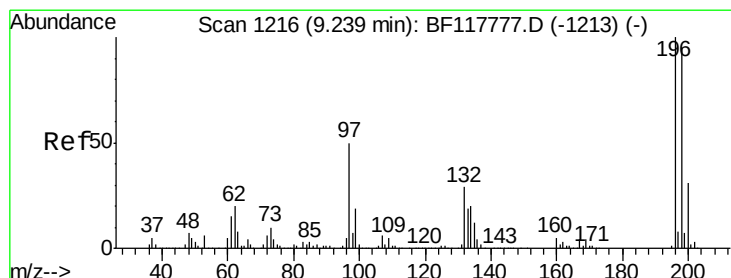
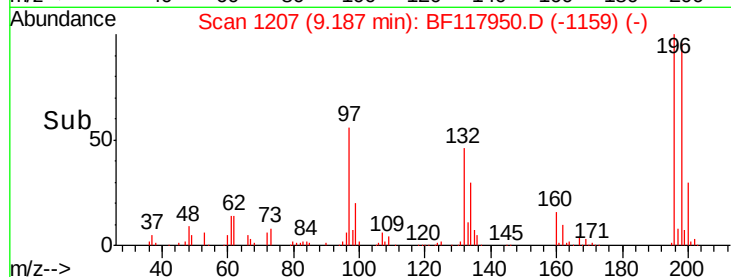
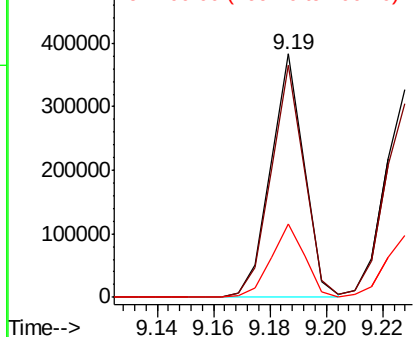


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.901 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Tgt Ion	196	Resp	284173
Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.3	114.5
97	47.1	40.0	60.0
132	28.3	23.6	35.4

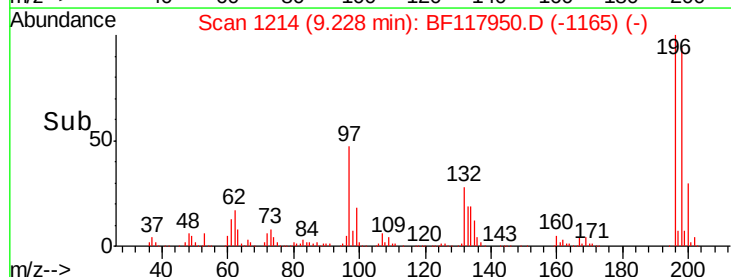
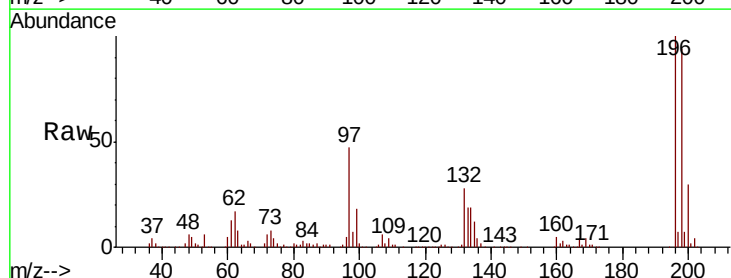
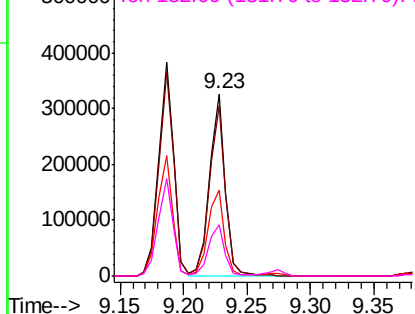
Abundance

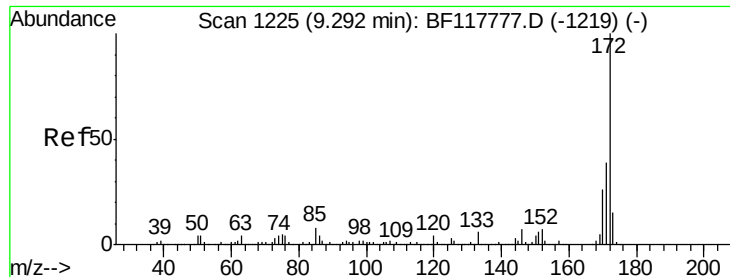
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

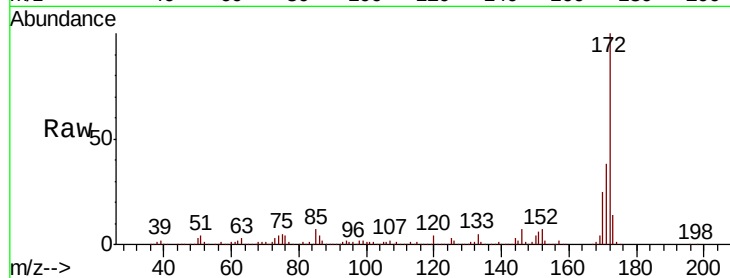




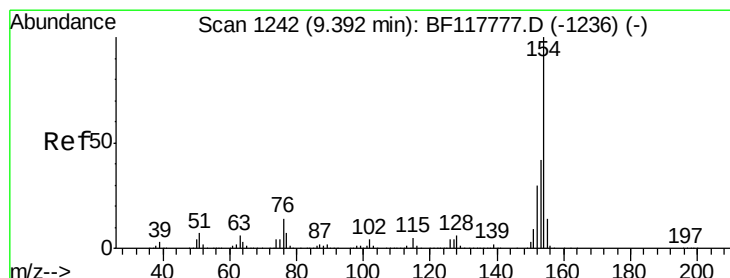
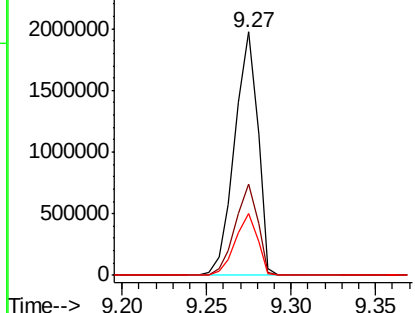
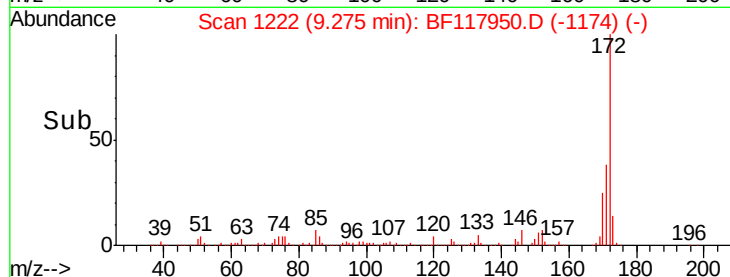
#45
 2-Fluorobiphenyl
 Concen: 92.327 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1886167
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.9 46.3
 170 25.4 21.0 31.4

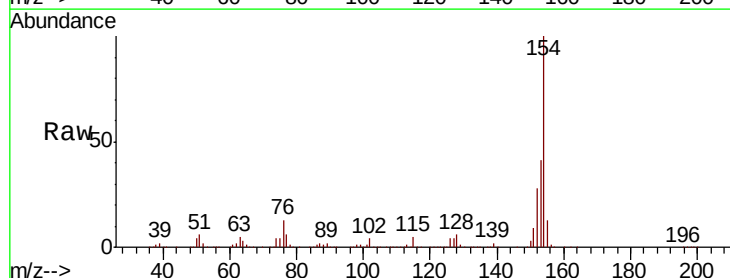


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

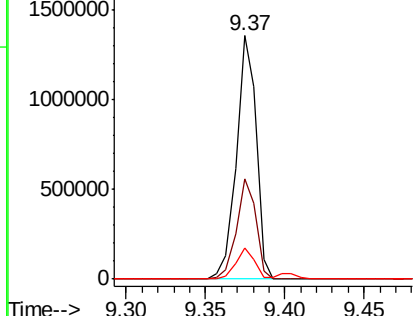
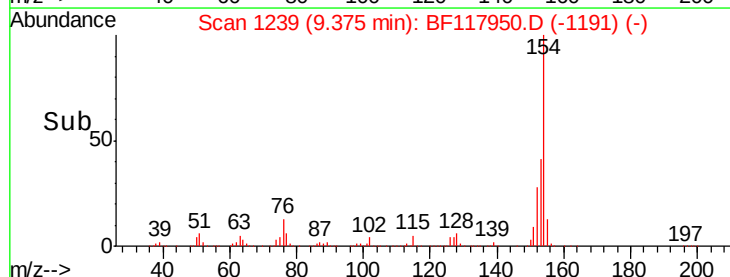


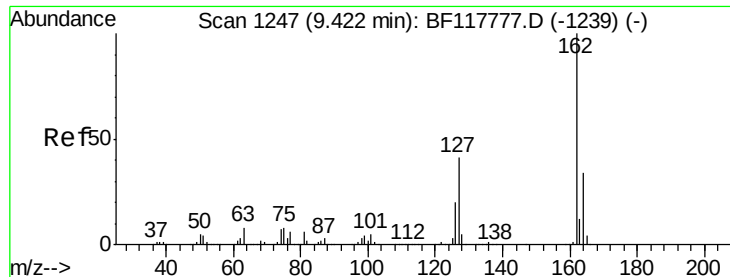
#46
 1,1'-Biphenyl
 Concen: 43.131 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Tgt Ion:154 Resp: 1172782
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.9 61.9
 76 12.8 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

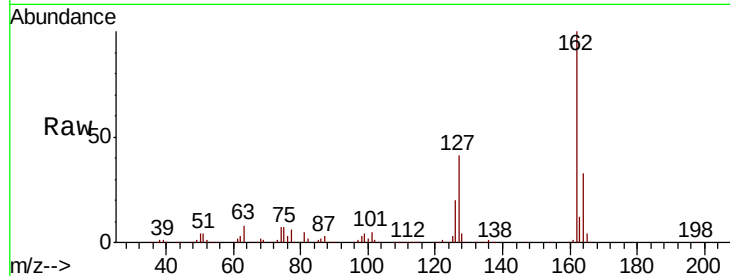




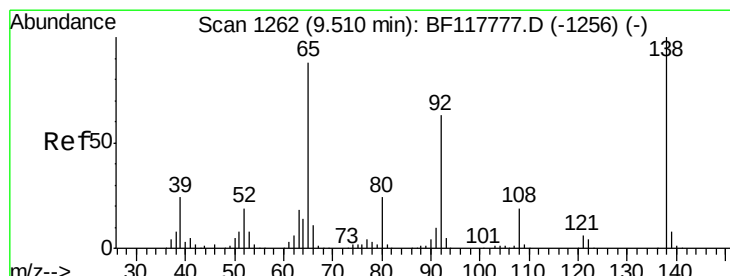
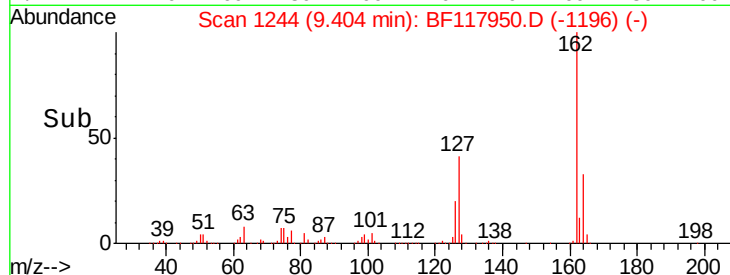
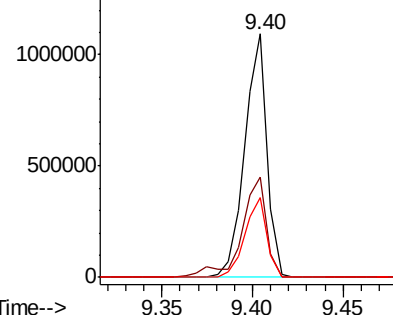
#47
2-Chloronaphthalene
Concen: 41.623 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.2	49.8
164	33.0	27.3	40.9

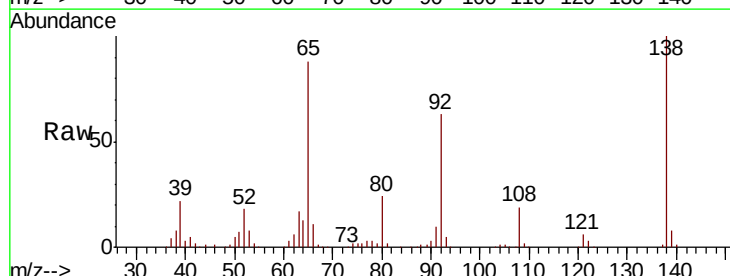


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

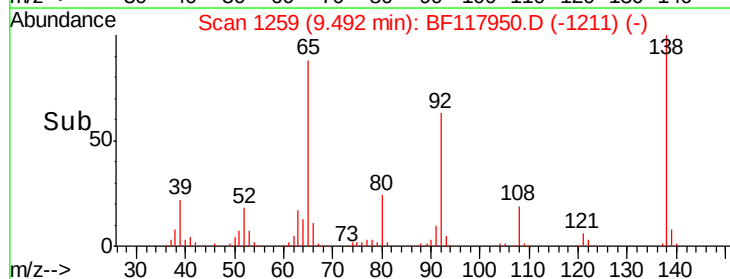
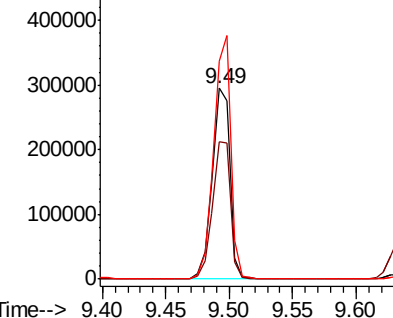


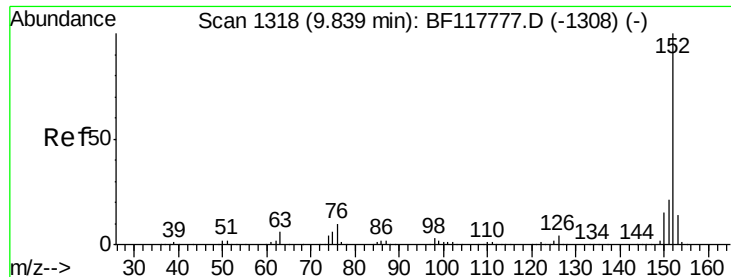
#48
2-Nitroaniline
Concen: 42.352 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	56.6	84.8
138	114.1	90.5	135.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.375 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampleId :

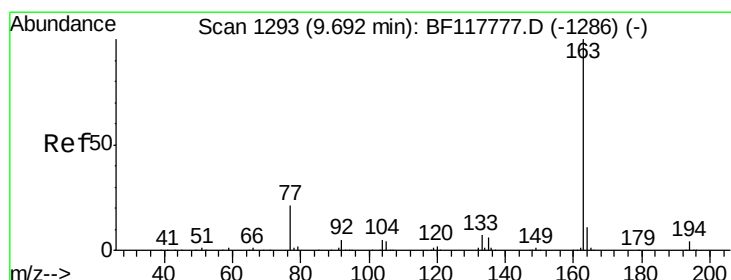
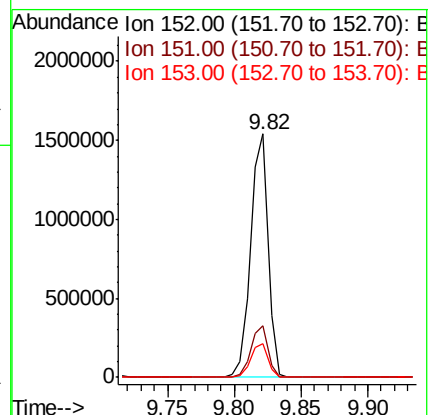
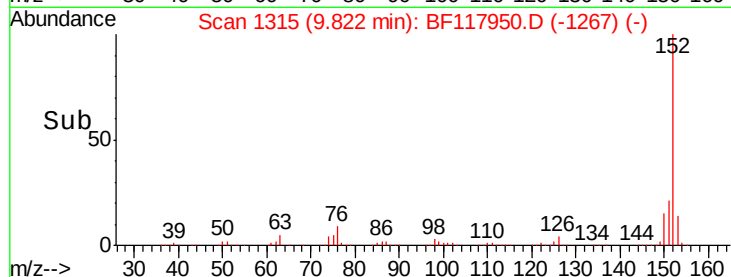
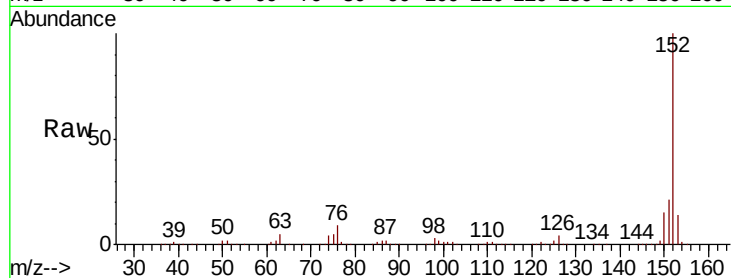
Tot Ion:152 Resp: 1381984

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.6

153 13.6 11.0 16.6



#50

Dimethylphthalate

Concen: 43.796 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

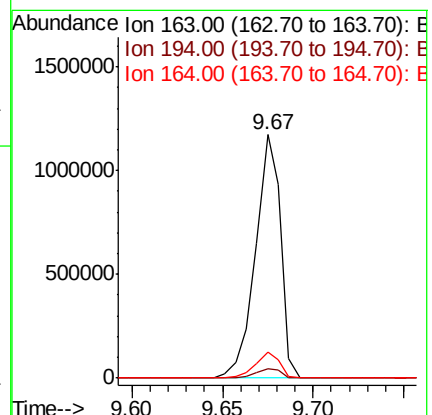
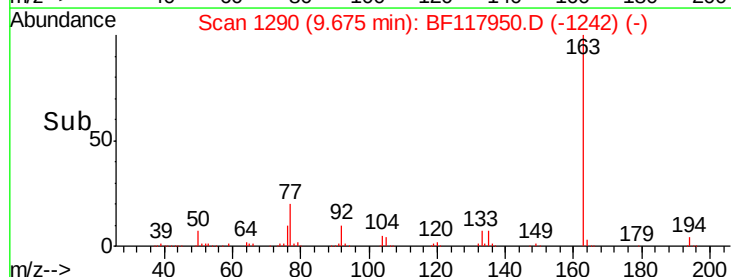
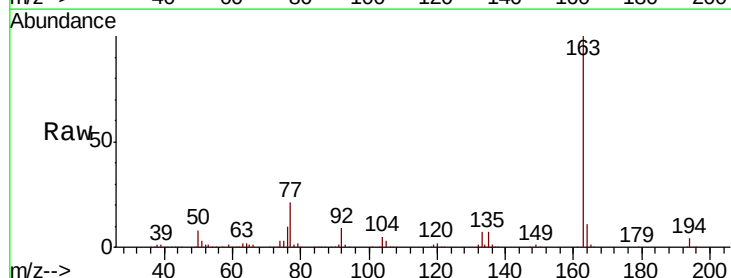
Tgt Ion:163 Resp: 1125601

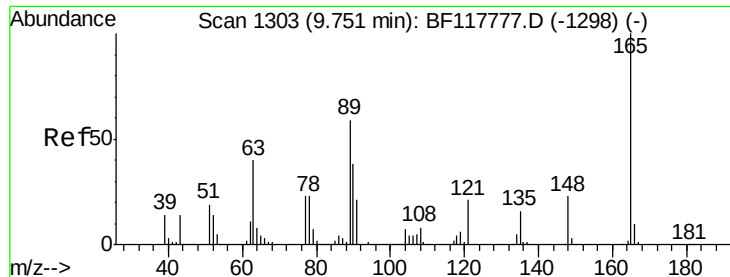
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.8 8.7 13.1





#51

2,6-Dinitrotoluene

Concen: 42.592 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampled :

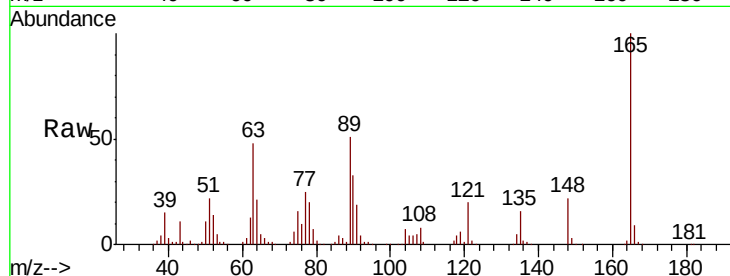
Tot Ion:165 Resp: 239240

Ion Ratio Lower Upper

165 100

63 48.2 46.0 69.0

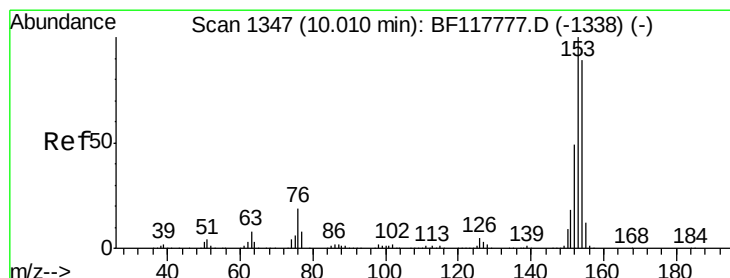
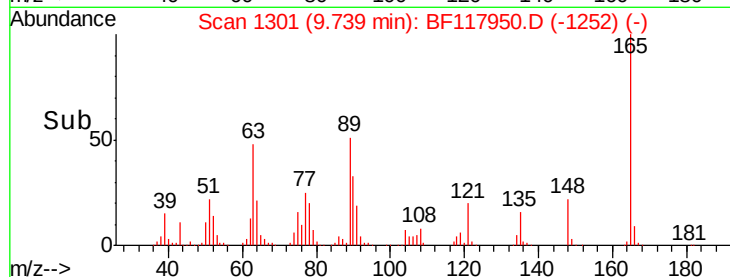
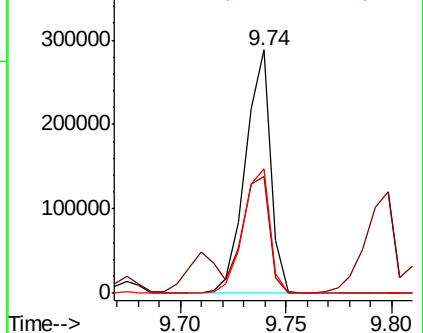
89 51.0 47.7 71.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.567 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

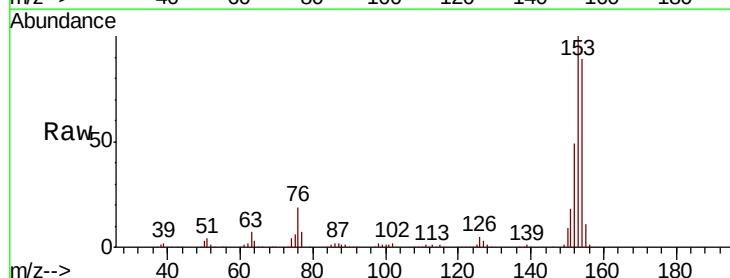
Tgt Ion:154 Resp: 868408

Ion Ratio Lower Upper

154 100

153 112.4 90.1 135.1

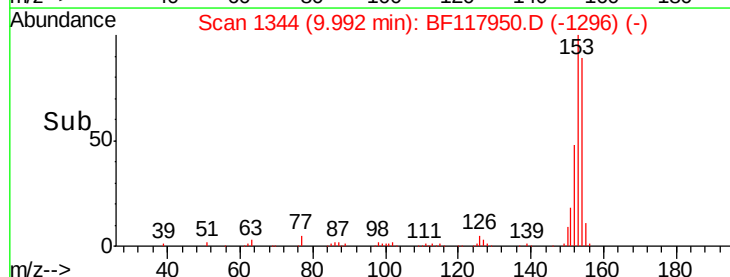
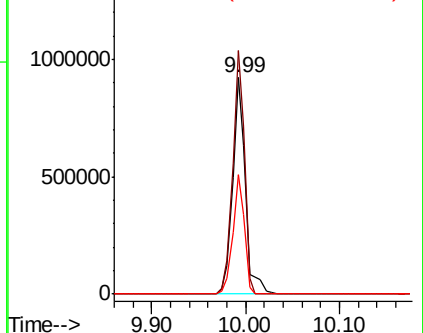
152 54.9 44.0 66.0

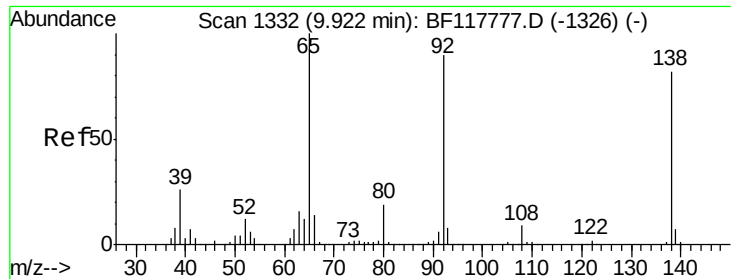


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

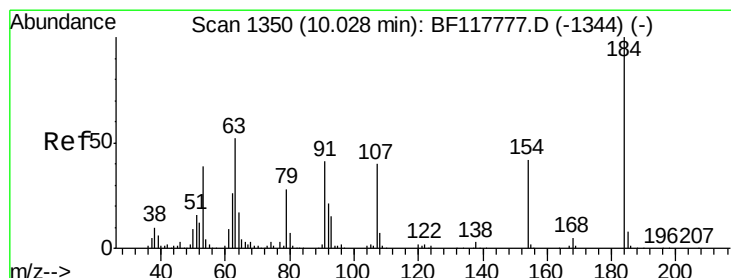
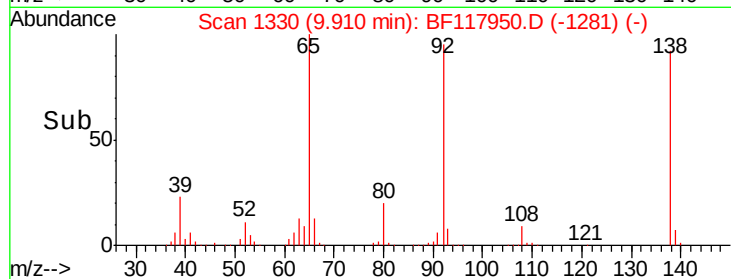
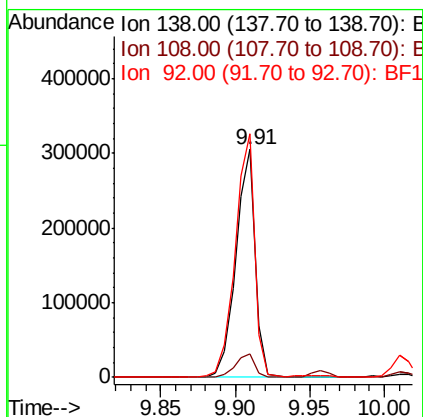
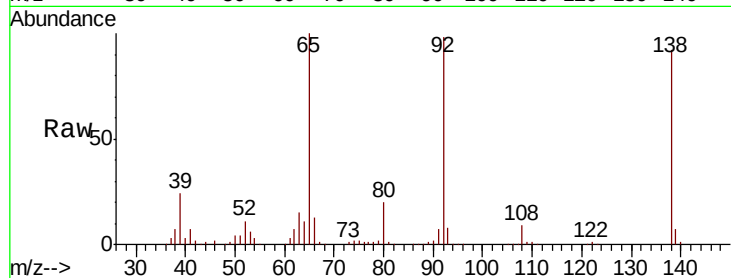




#53
3-Nitroaniline
Concen: 41.453 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

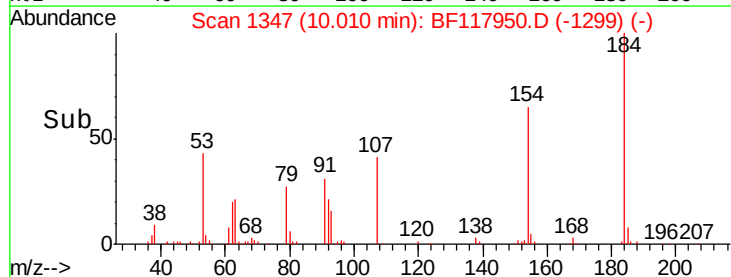
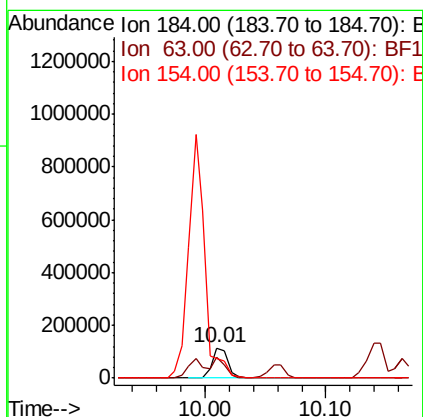
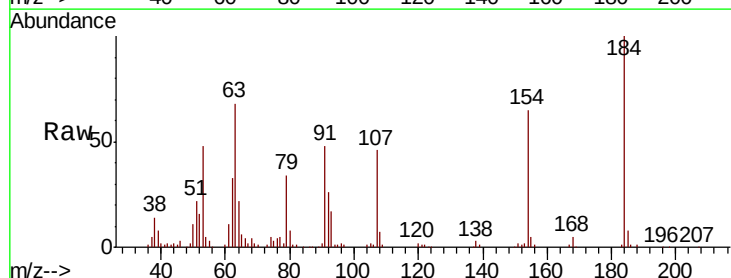
Instrument :
BNA_F
ClientSampleId :

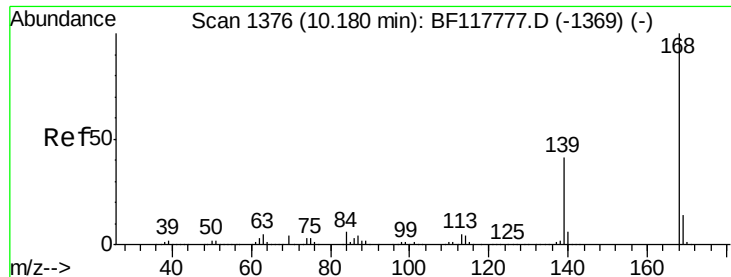
Tot Ion:138 Resp: 278615
Ion Ratio Lower Upper
138 100
108 10.1 8.6 12.8
92 106.8 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 41.013 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion:184 Resp: 107198
Ion Ratio Lower Upper
184 100
63 67.5 43.0 64.6#
154 64.7 48.0 72.0

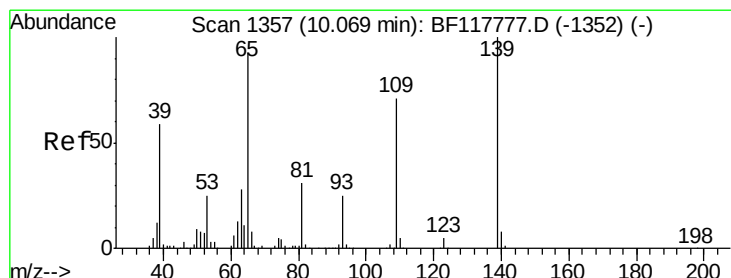
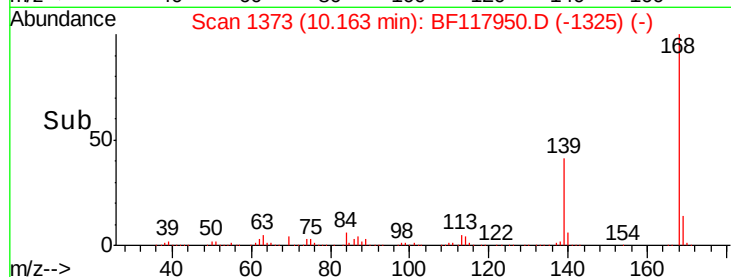
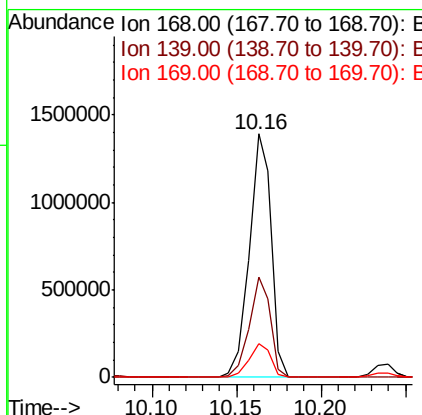
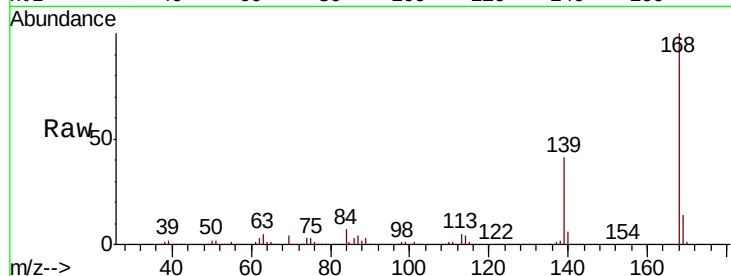




#55
Dibenzenofuran
Concen: 43.657 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

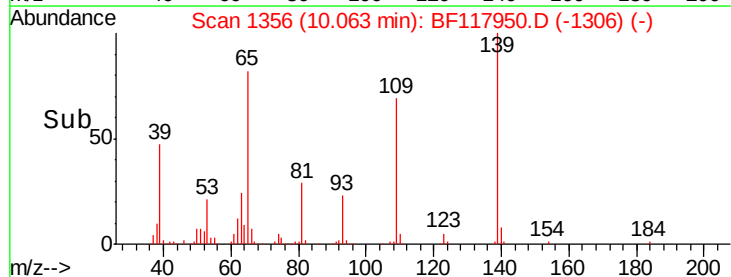
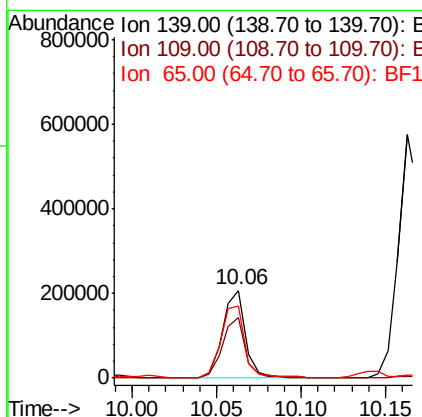
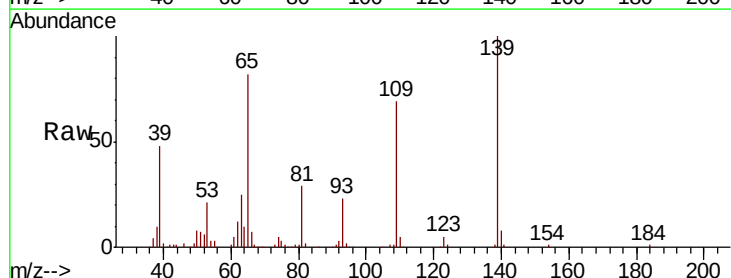
Instrument :
BNA_F
ClientSampleId :

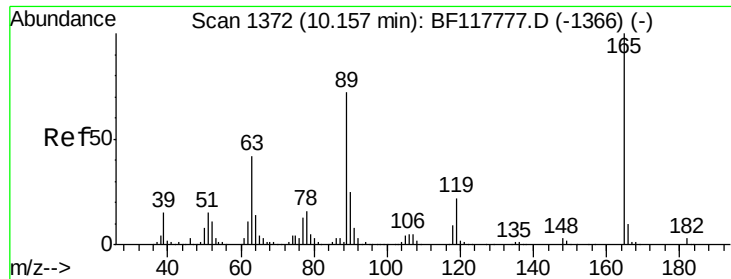
Tot Ion:168 Resp: 1262981
Ion Ratio Lower Upper
168 100
139 41.3 33.0 49.6
169 14.0 11.5 17.3



#56
4-Nitrophenol
Concen: 39.561 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion:139 Resp: 198473
Ion Ratio Lower Upper
139 100
109 69.3 50.8 90.8
65 82.4 73.6 113.6





#57

2,4-Dinitrotoluene

Concen: 45.618 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 325947

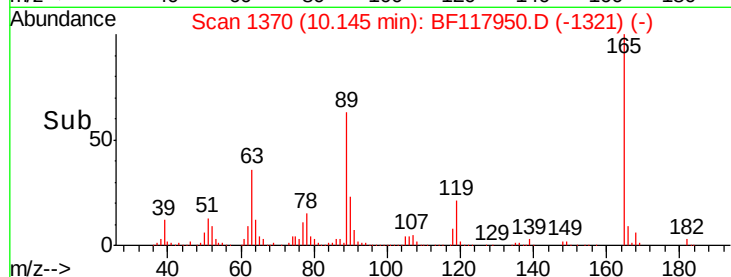
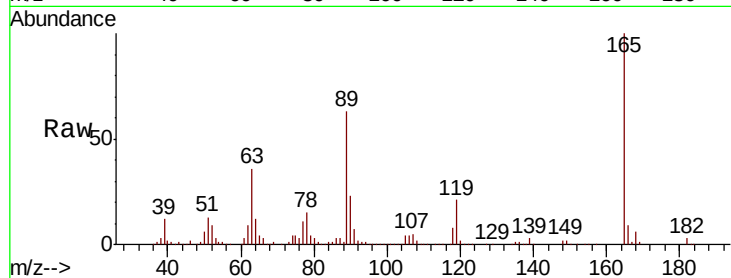
Ion Ratio Lower Upper

165 100

63 35.5 33.7 50.5

89 63.2 57.3 85.9

182 2.7 2.3 3.5

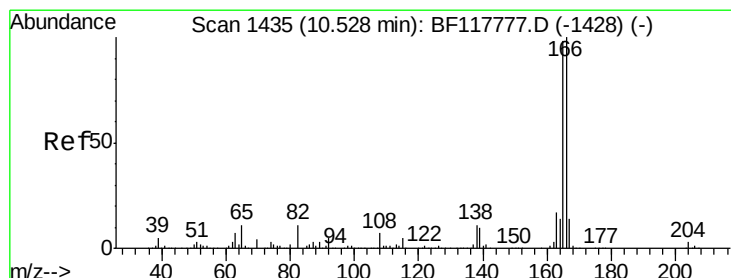
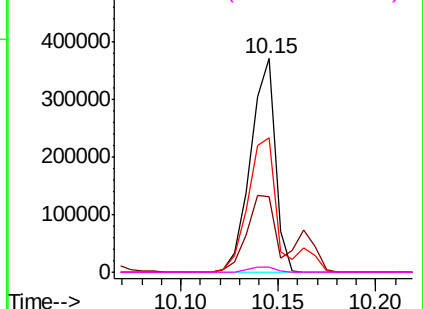


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.788 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

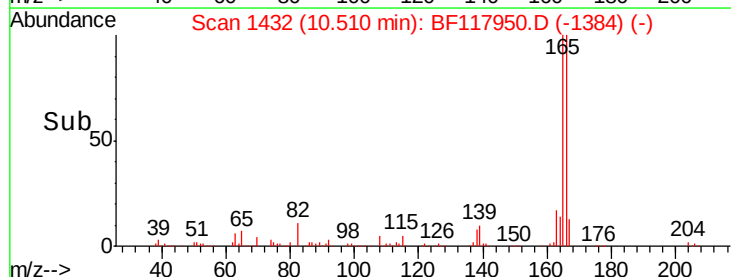
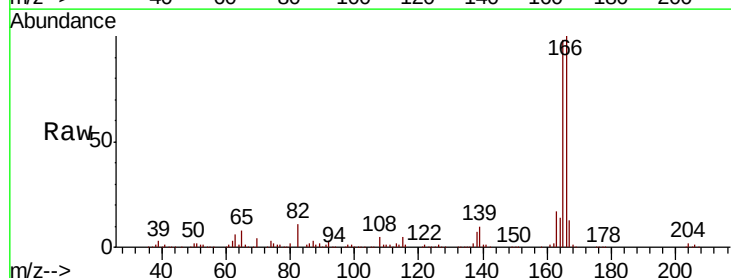
Tgt Ion:166 Resp: 847146

Ion Ratio Lower Upper

166 100

165 98.4 78.4 117.6

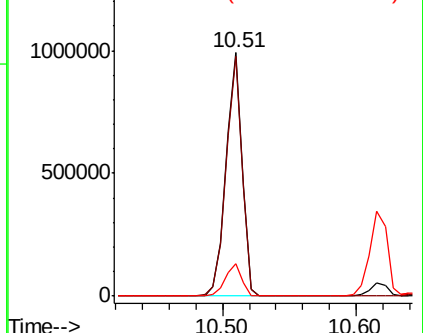
167 13.4 11.0 16.4

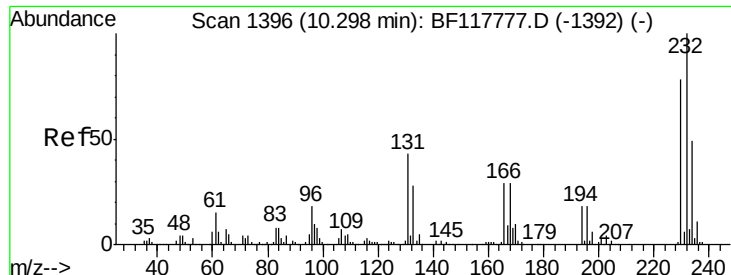


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

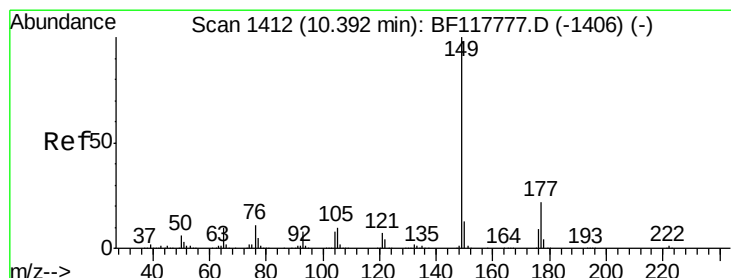
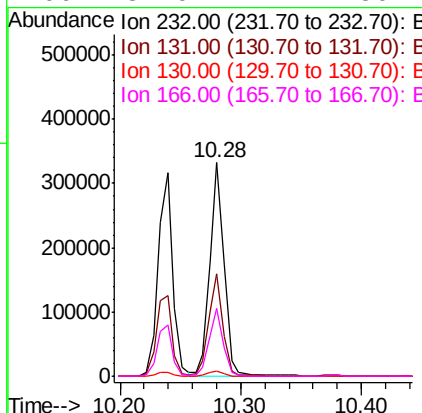
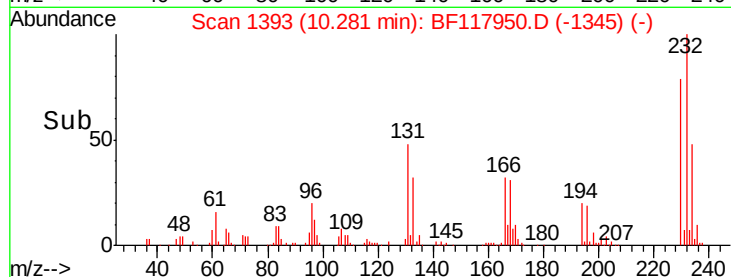
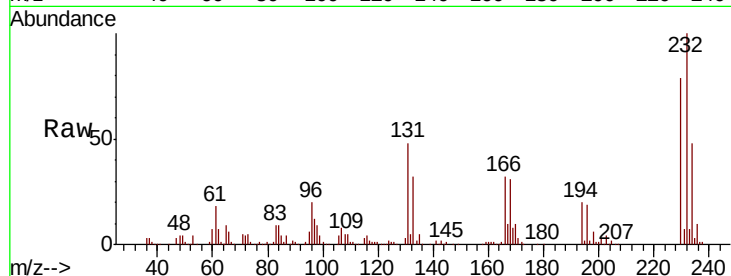




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.664 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

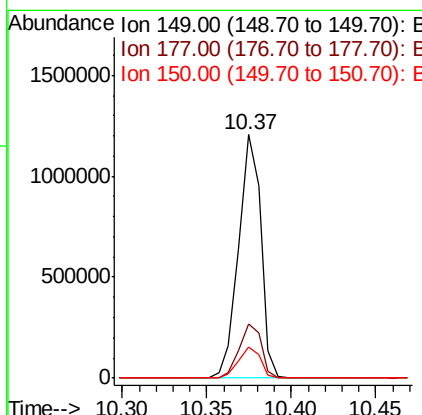
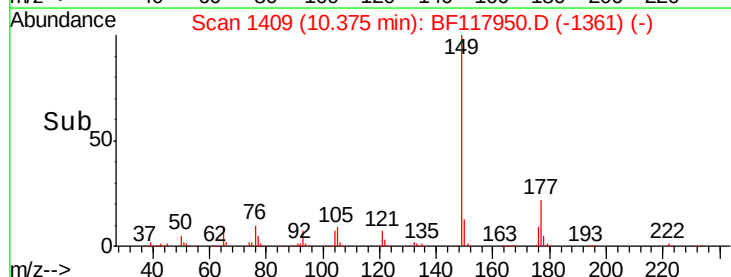
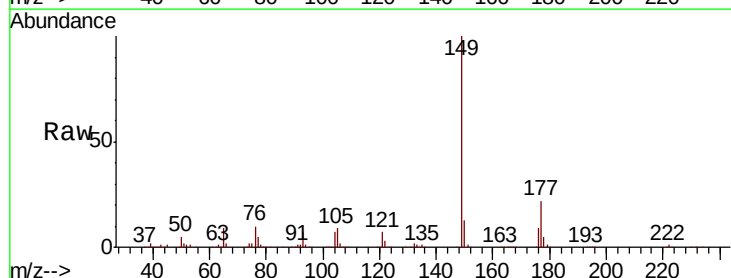
Instrument :
BNA_F
ClientSampled :

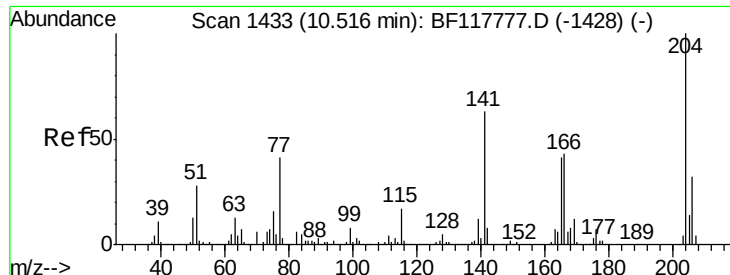
Tot Ion:232 Resp: 270971
Ion Ratio Lower Upper
232 100
131 47.0 37.6 56.4
130 2.4 1.9 2.9
166 31.0 24.2 36.4



#60
Diethylphthalate
Concen: 44.077 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion:149 Resp: 1104436
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 13.0 10.5 15.7

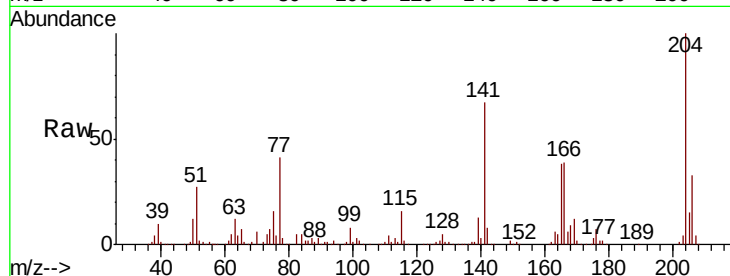




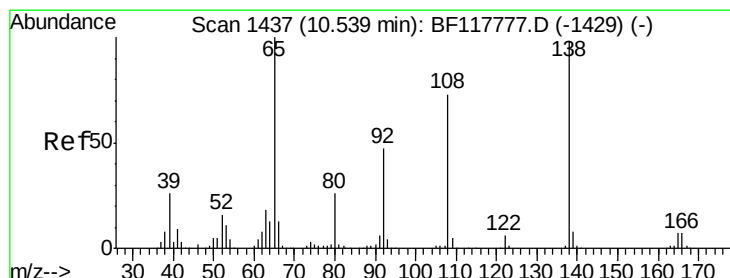
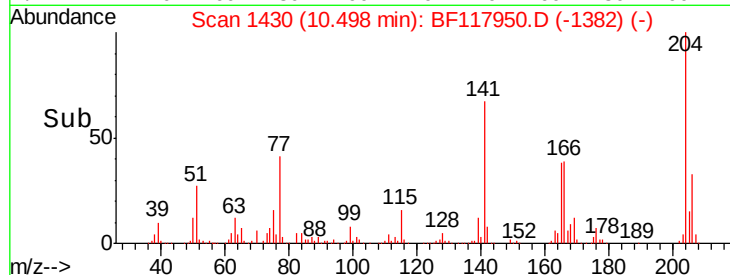
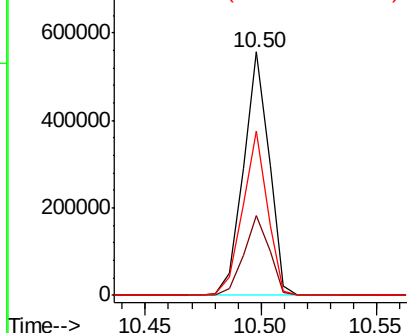
#61
4-Chlorophenyl-phenylether
Concen: 37.907 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 431272
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 67.3 50.7 76.1

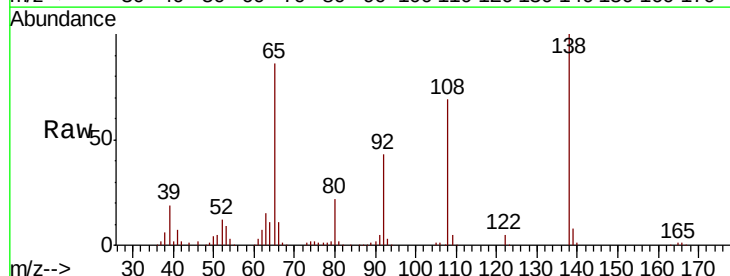


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

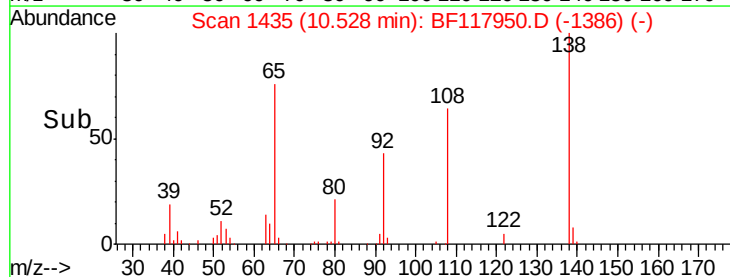
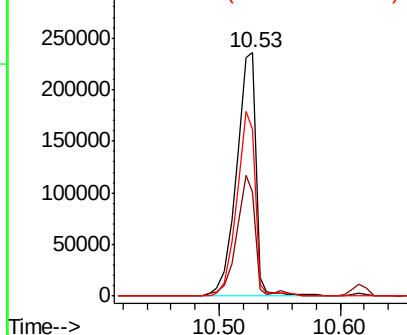


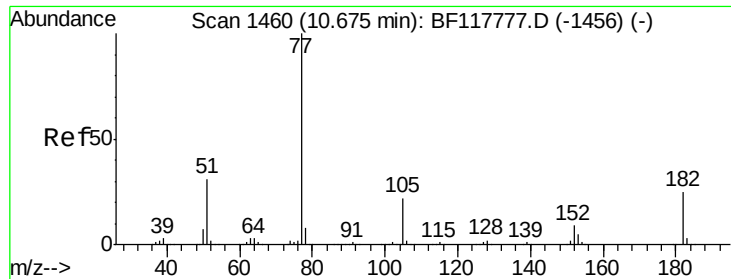
#62
4-Nitroaniline
Concen: 39.546 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion:138 Resp: 266131
Ion Ratio Lower Upper
138 100
92 42.7 28.3 68.3
108 68.7 54.3 94.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.564 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 947486

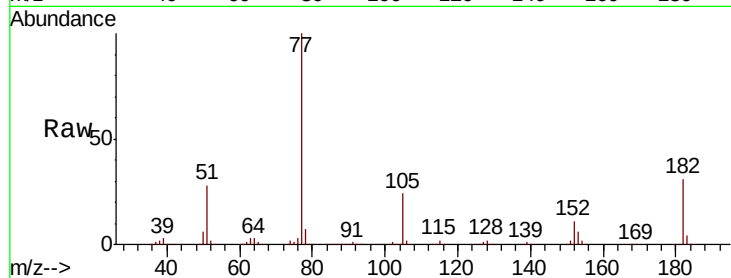
Ion Ratio Lower Upper

77 100

182 31.1 4.8 44.8

105 23.6 2.1 42.1

51 27.9 11.4 51.4

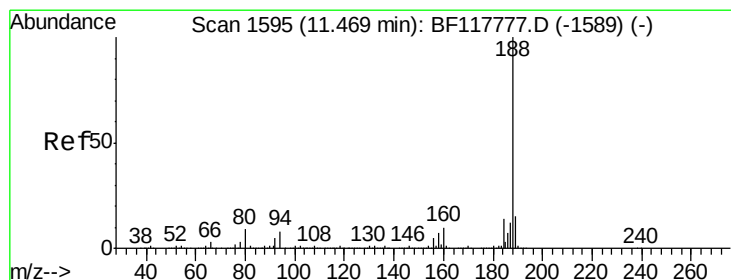
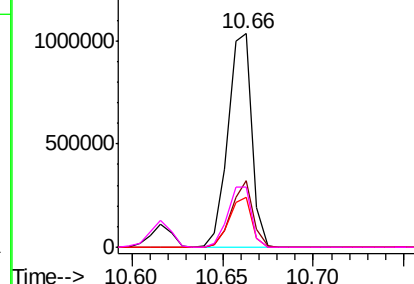
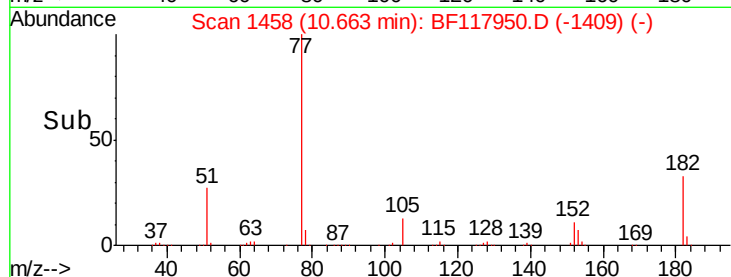


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

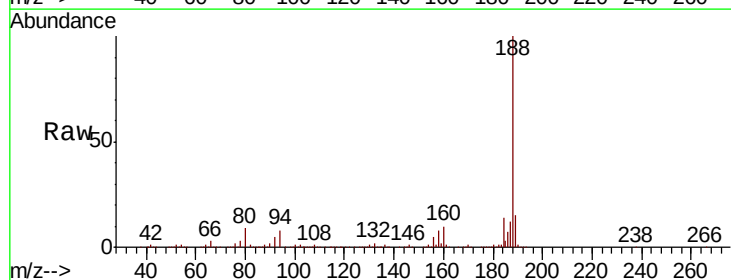
Tgt Ion: 188 Resp: 695952

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

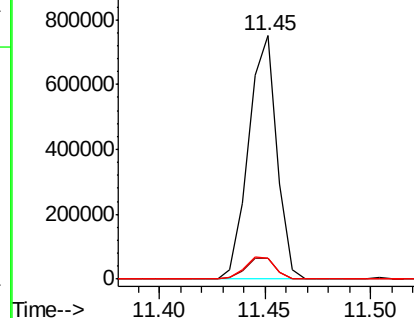
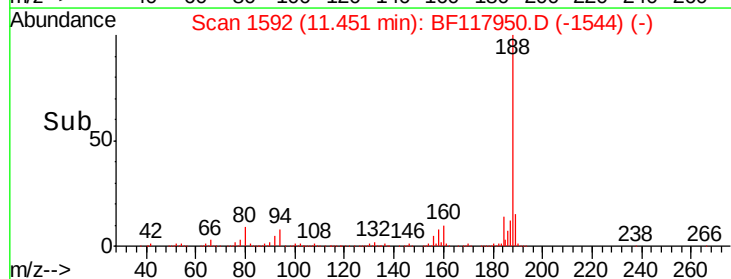
80 8.7 7.2 10.8

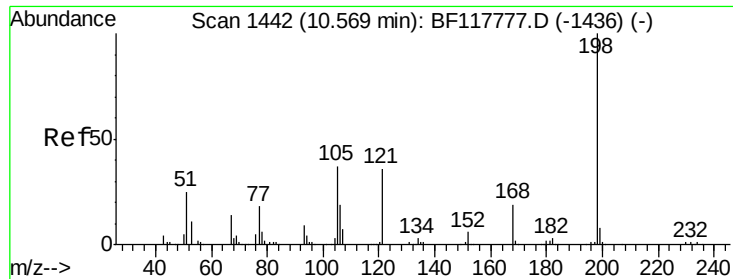


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

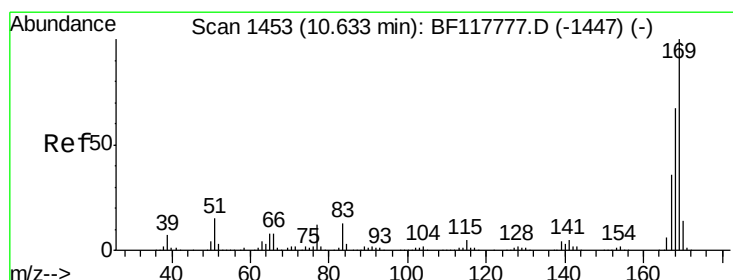
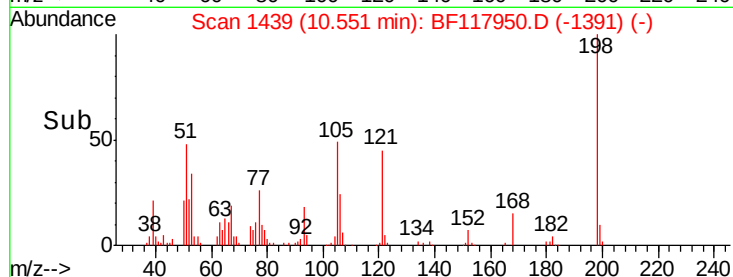
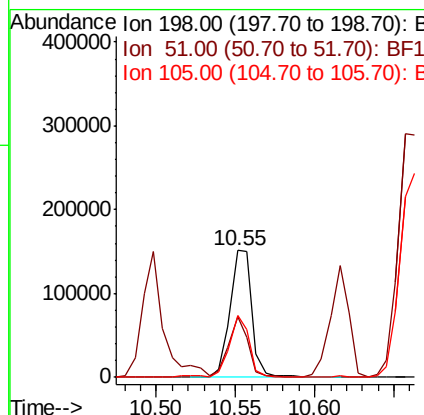
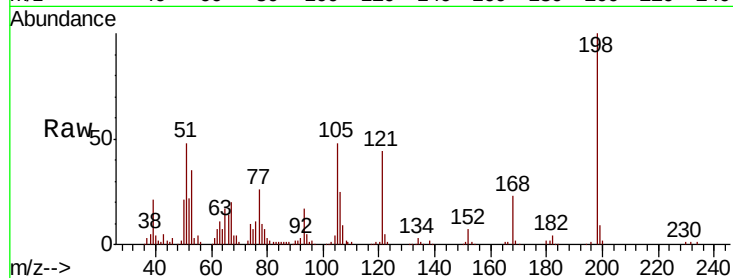




#65
4,6-Dinitro-2-methylphenol
Concen: 44.806 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

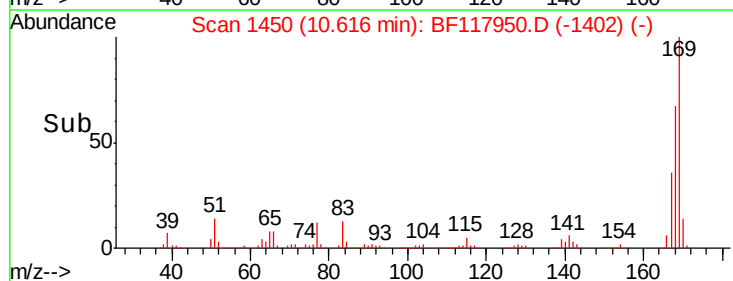
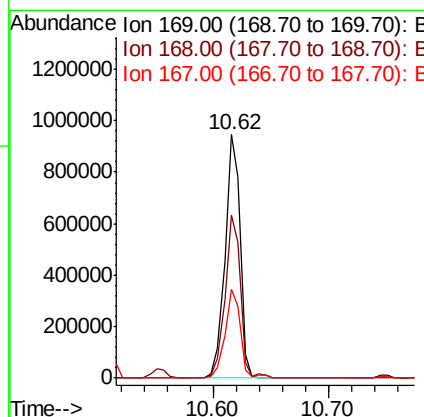
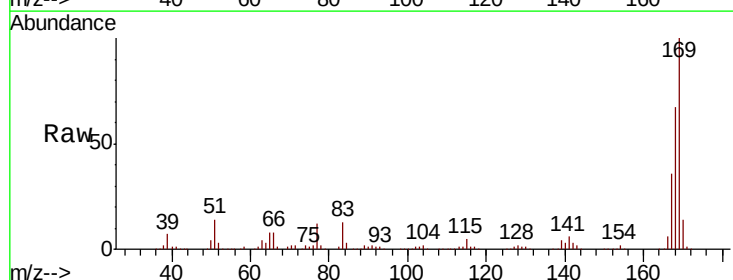
Instrument :
BNA_F
ClientSampled :

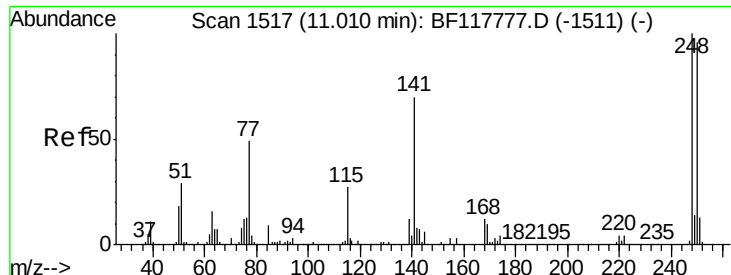
Tot Ion:198 Resp: 145573
Ion Ratio Lower Upper
198 100
51 47.6 16.0 56.0
105 48.4 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 42.201 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion:169 Resp: 854747
Ion Ratio Lower Upper
169 100
168 66.9 53.5 80.3
167 36.5 29.0 43.4

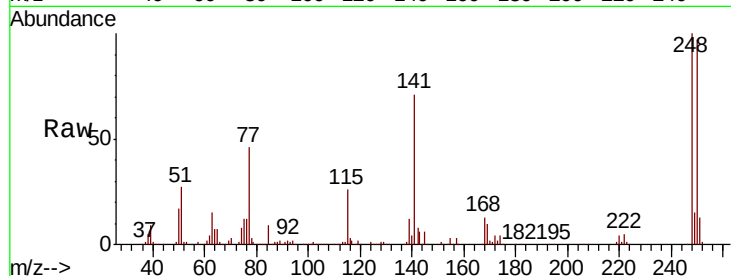




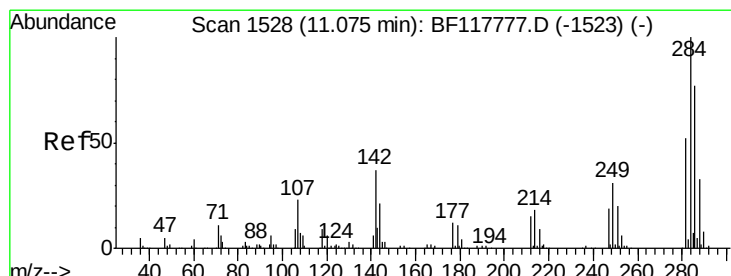
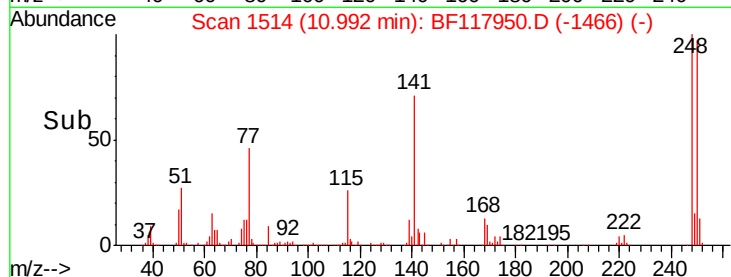
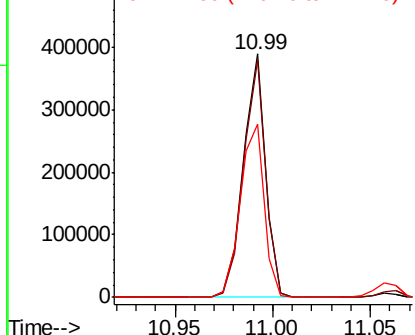
#67
4-Bromophenyl-phenylether
Concen: 40.971 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 307661
Ion Ratio Lower Upper
248 100
250 97.3 76.6 115.0
141 71.2 55.9 83.9

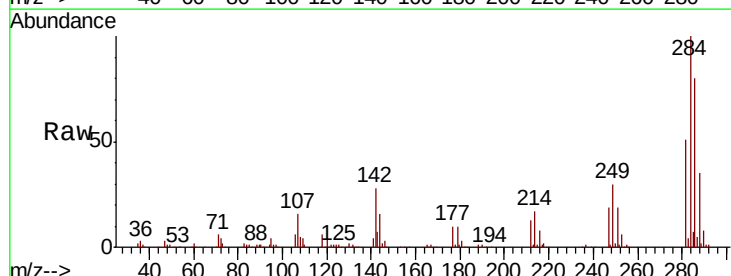


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

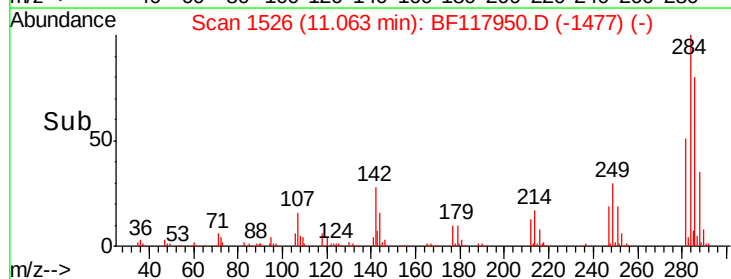
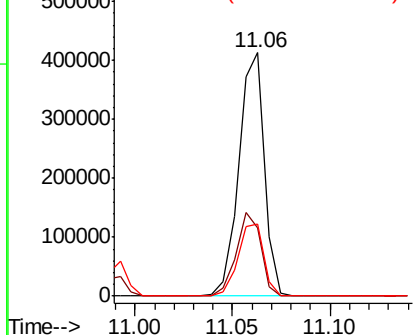


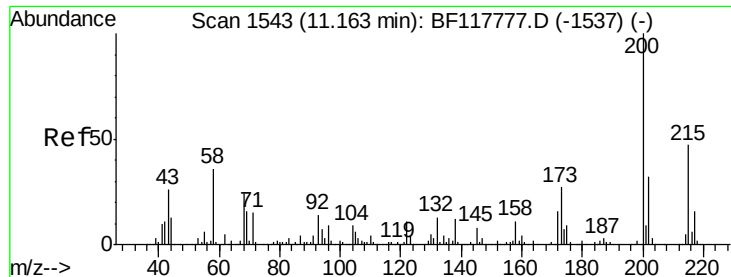
#68
Hexachlorobenzene
Concen: 42.441 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion:284 Resp: 371622
Ion Ratio Lower Upper
284 100
142 28.0 29.4 44.2#
249 29.5 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

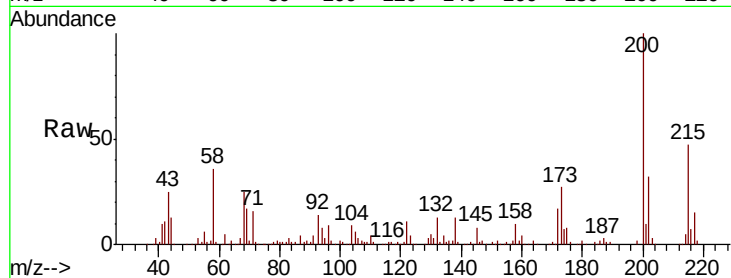




#69
 Atrazine
 Concen: 40.555 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.7	46.7
215	46.9	27.5	67.5

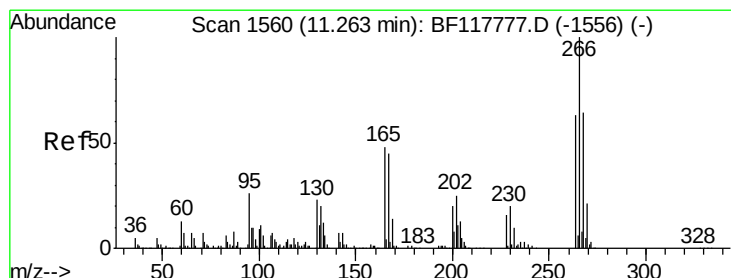
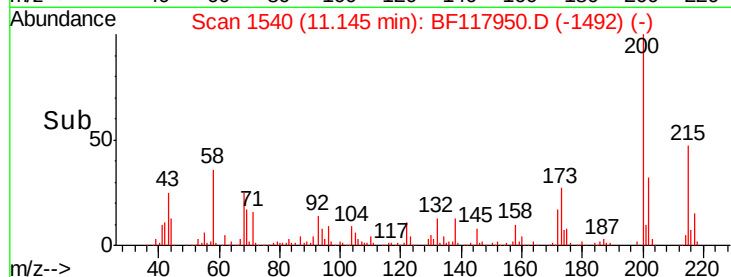
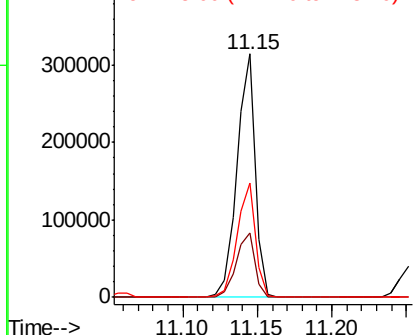


Abundance

Ion 200.00 (199.70 to 200.70): E

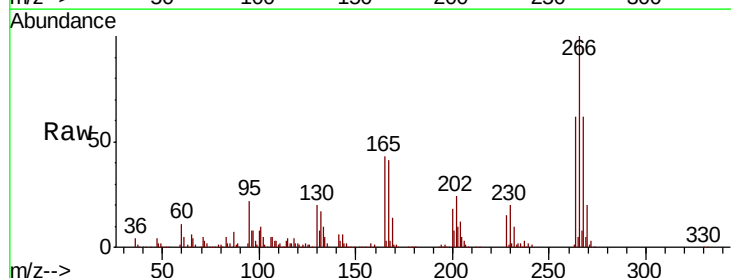
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 38.879 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	50.8	76.2
264	61.9	50.7	76.1

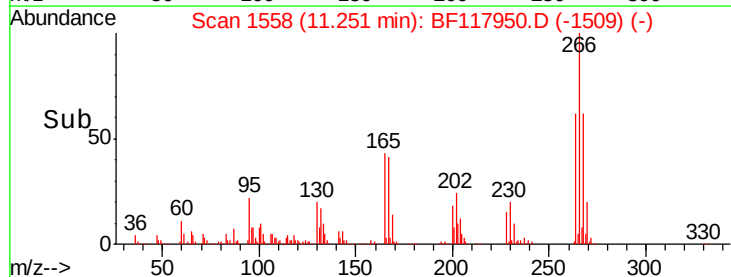
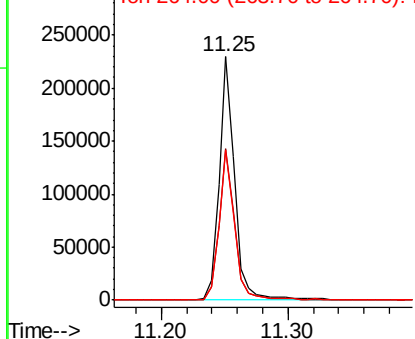


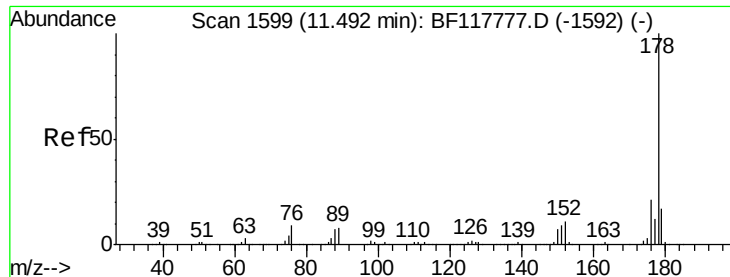
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



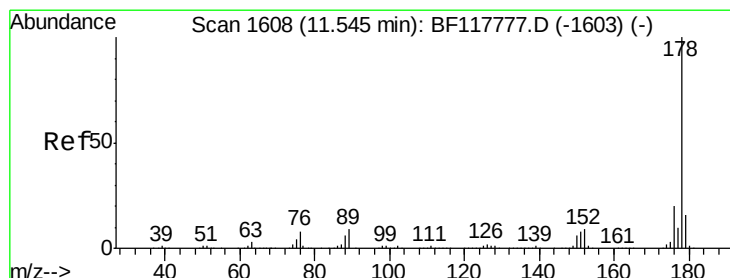
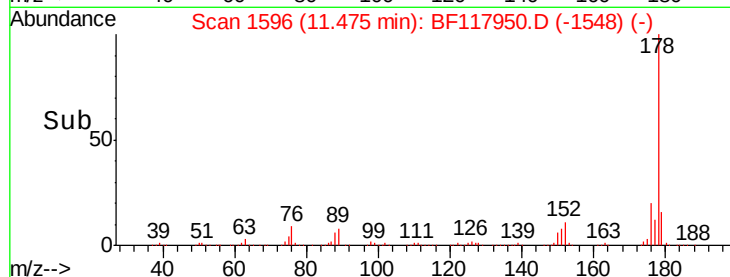
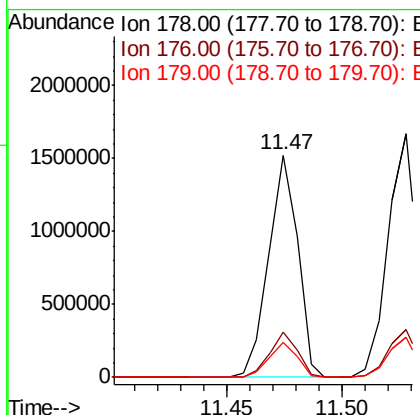
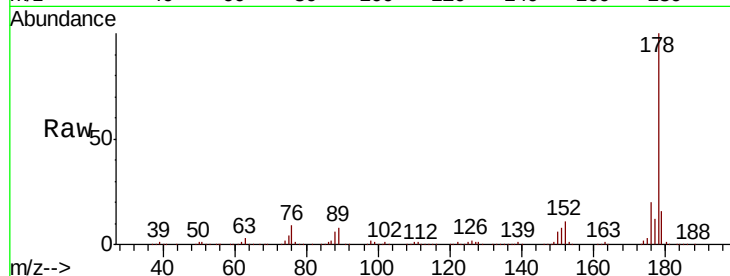


#71
 Phenanthrene
 Concen: 38.252 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1338451

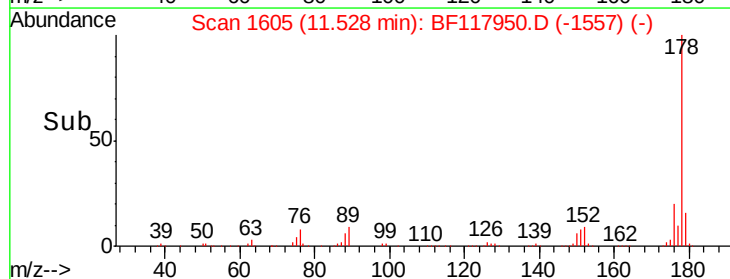
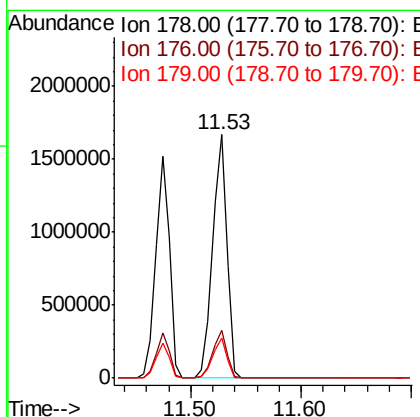
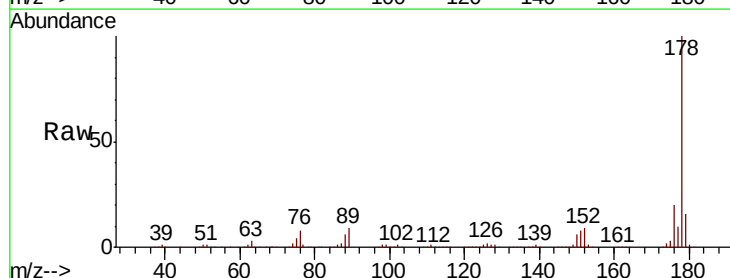
Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	25.0
179	15.9	13.2	19.8

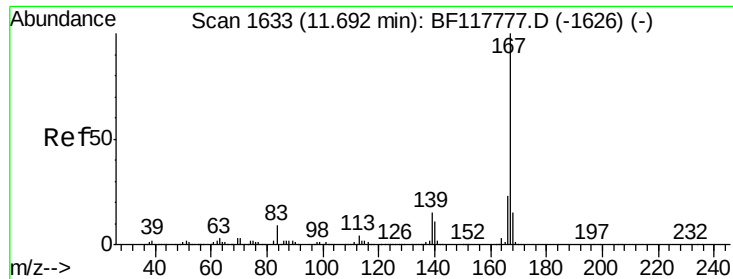


#72
 Anthracene
 Concen: 42.385 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Tgt Ion:178 Resp: 1470429

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.1	24.1
179	16.3	13.0	19.4



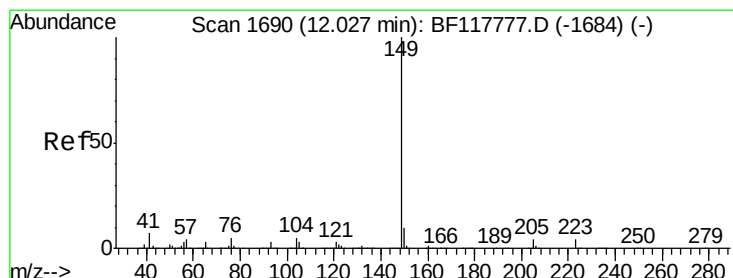
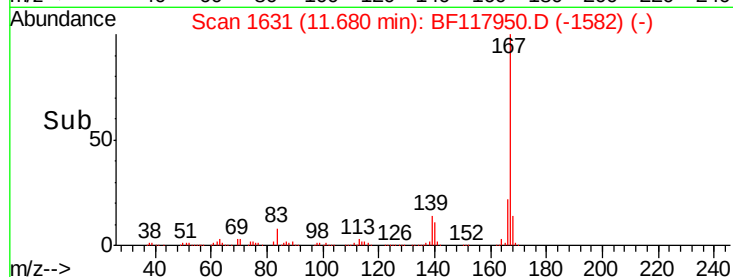
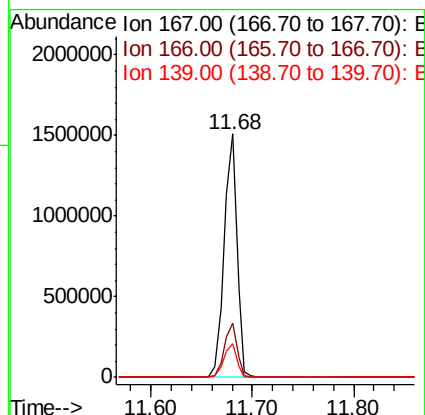
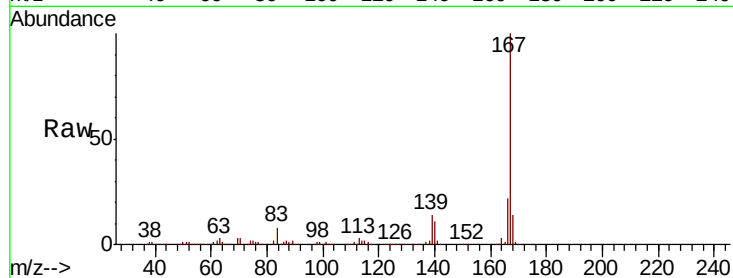


#73
 Carbazole
 Concen: 43.766 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1326808

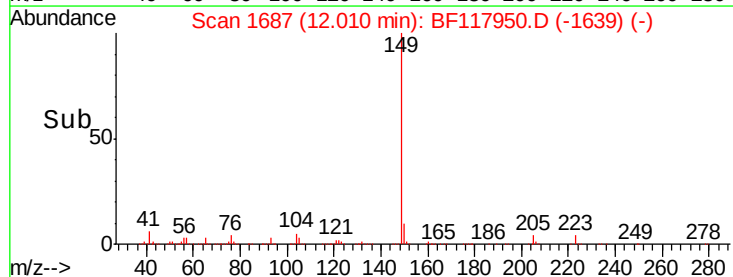
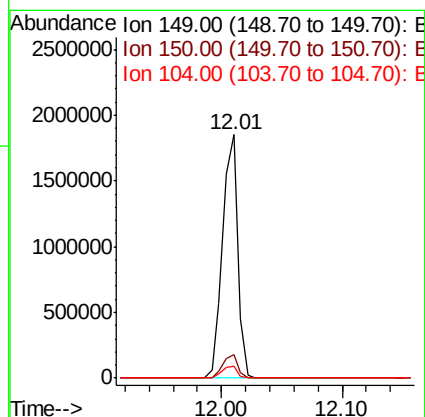
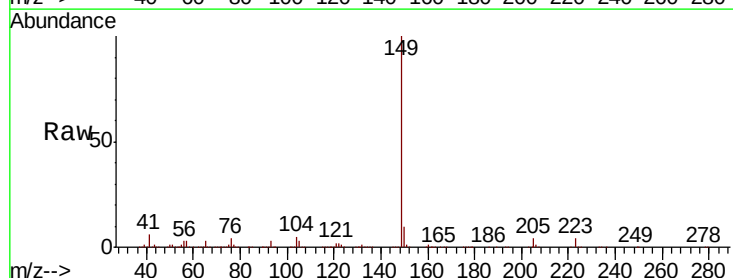
Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.0	27.0
139	13.8	11.7	17.5

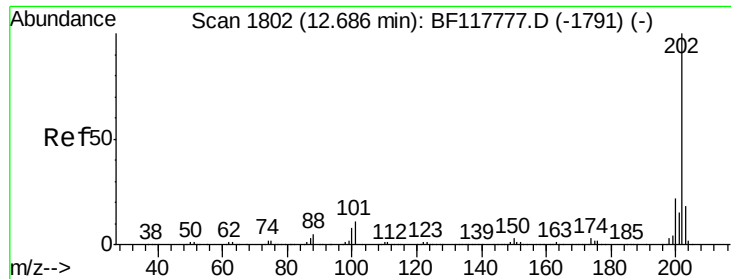


#74
 Di-n-butylphthalate
 Concen: 42.338 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Tgt Ion:149 Resp: 1598080

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	4.9	4.2	6.4

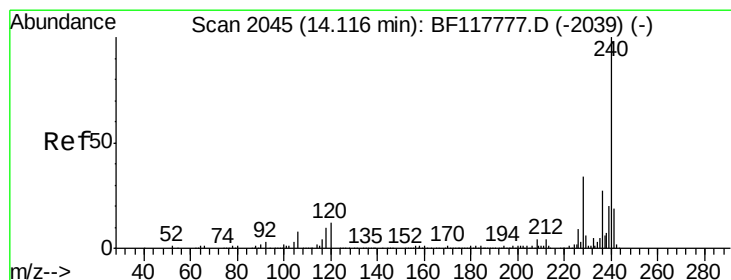
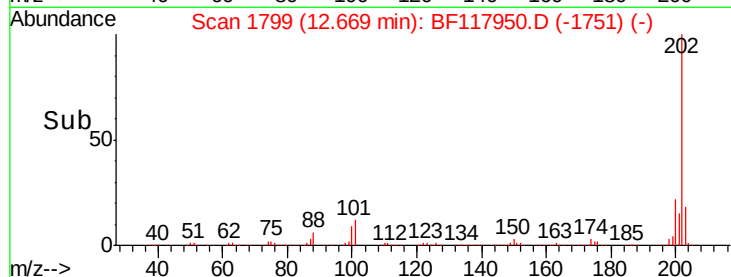
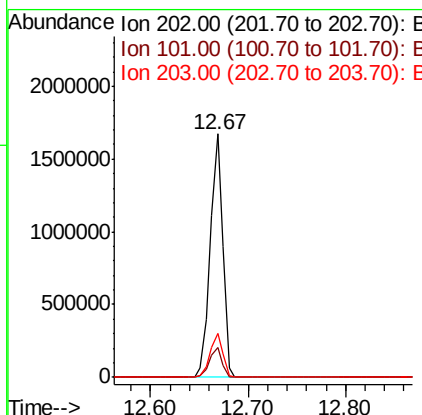
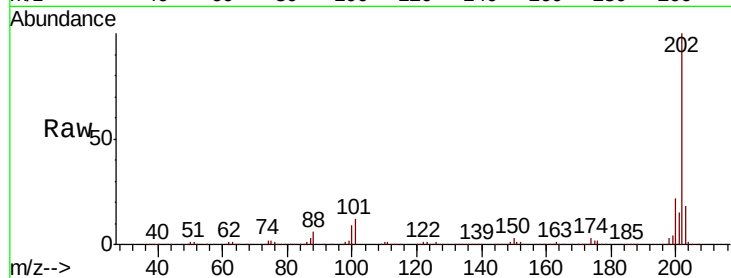




#75
Fluoranthene
Concen: 47.257 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

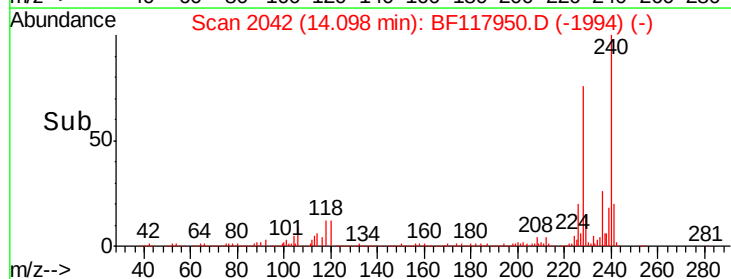
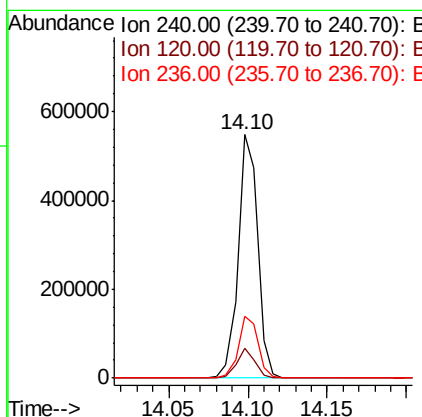
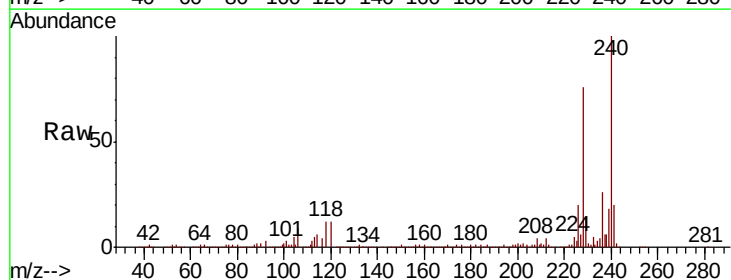
Instrument :
BNA_F
ClientSampled :

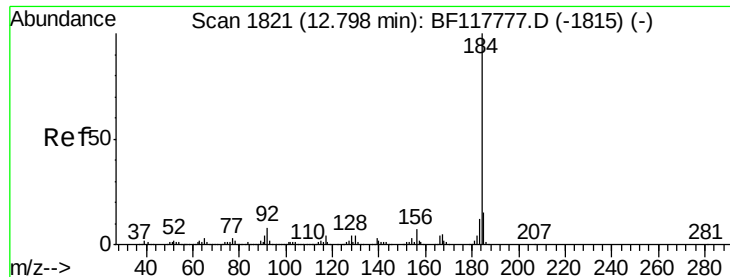
Tot Ion:202 Resp: 1493725
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.1
203 18.1 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion:240 Resp: 467283
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.6 21.3 31.9





#77

Benzidine

Concen: 37.325 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampleId :

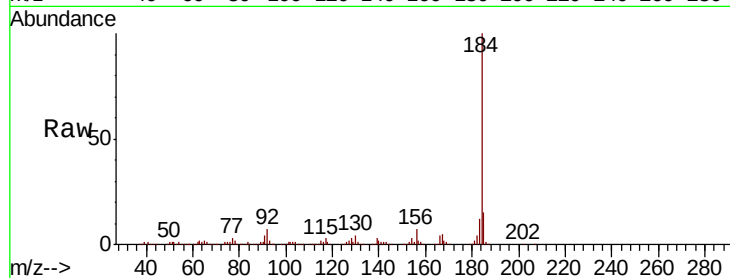
Tot Ion:184 Resp: 571309

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.4

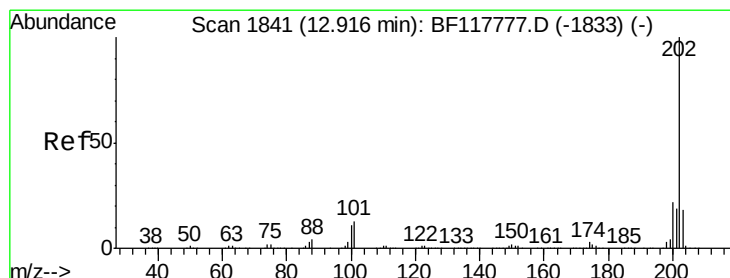
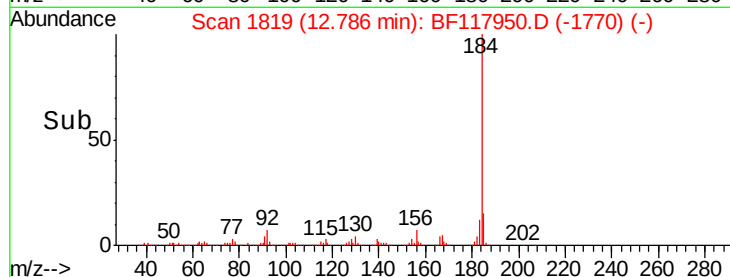
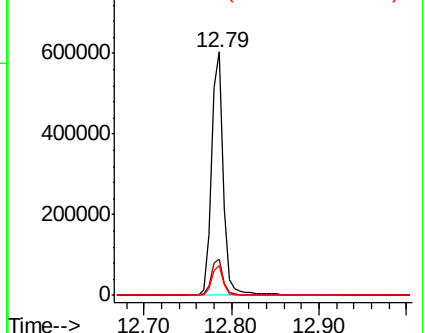
183 12.2 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.650 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

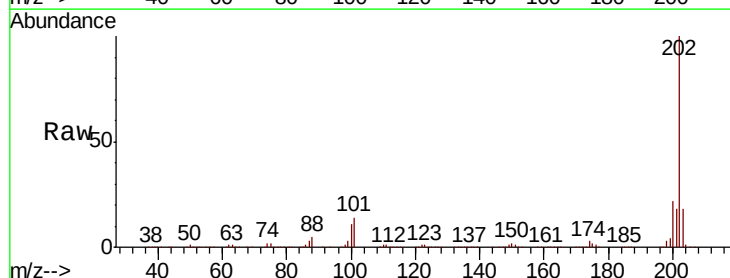
Tgt Ion:202 Resp: 1497343

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.8

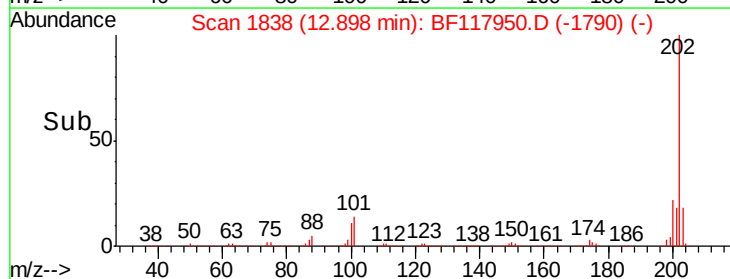
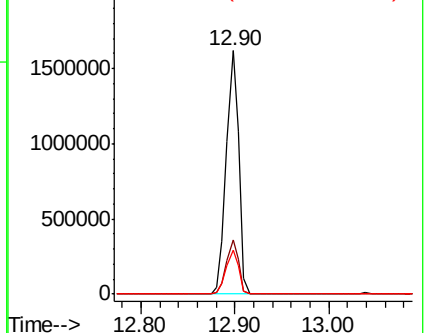
203 18.2 14.6 22.0

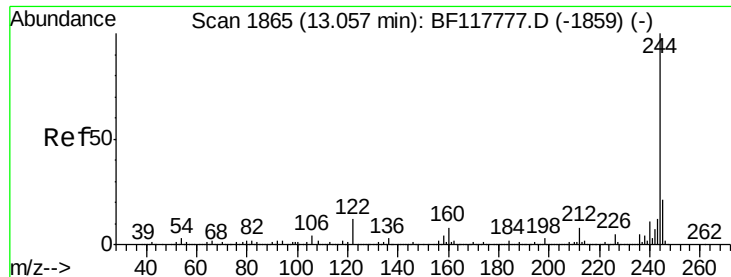


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



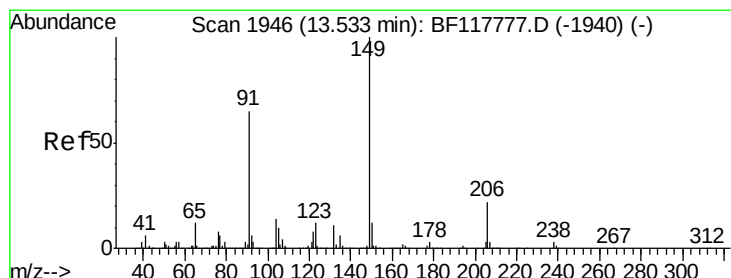
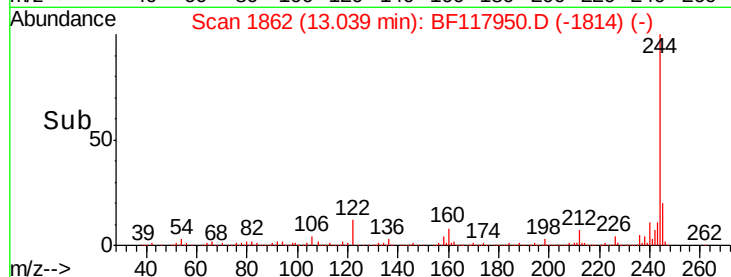
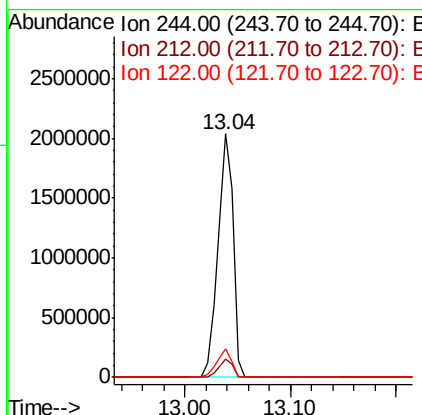
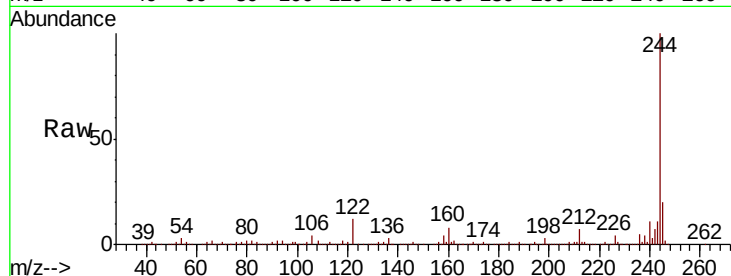


#79
 Terphenyl-d14
 Concen: 82.028 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2097296

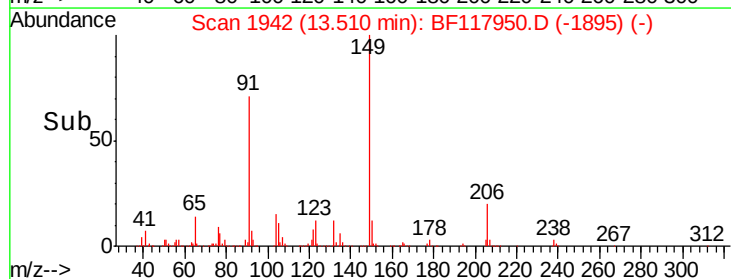
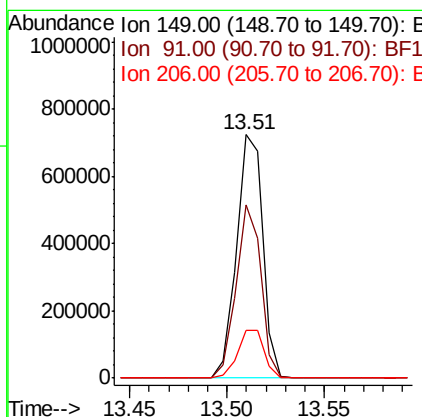
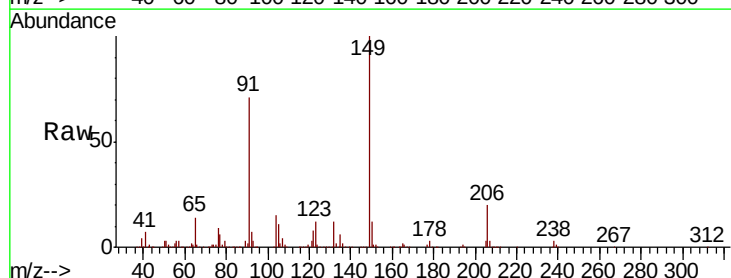
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	11.6	9.4	14.2

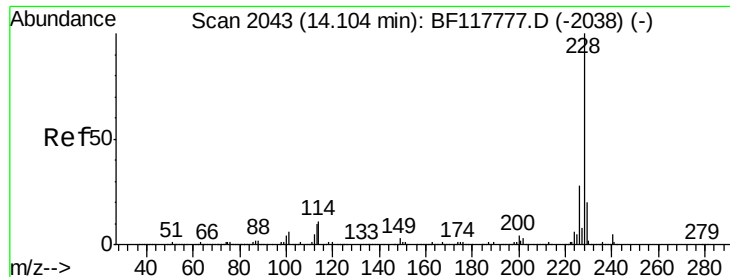


#80
 Butylbenzylphthalate
 Concen: 41.513 ng
 RT: 13.51 min Scan# 1942
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Tgt Ion:149 Resp: 673315

Ion	Ratio	Lower	Upper
149	100		
91	71.0	51.9	77.9
206	19.6	17.2	25.8





#81

Benzo(a)anthracene

Concen: 40.797 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampleId :

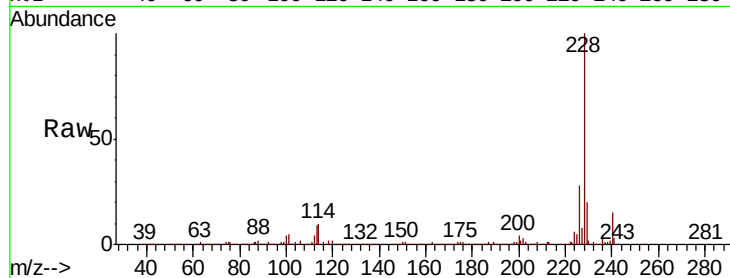
Tot Ion:228 Resp: 1259769

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

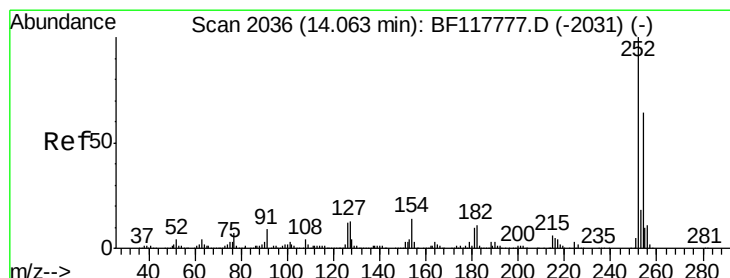
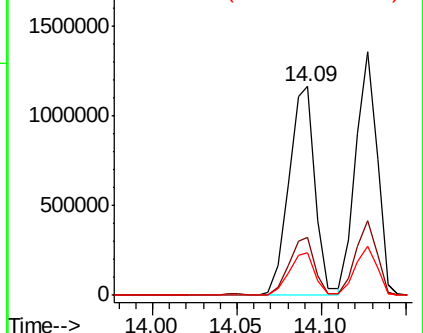
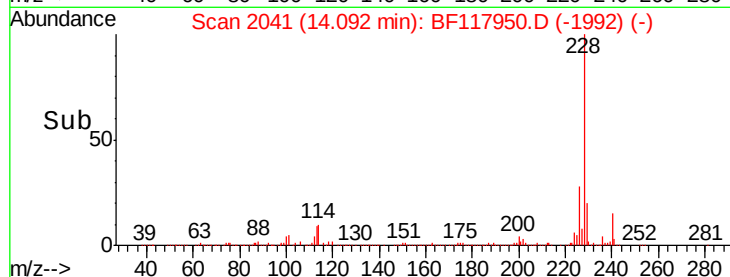
229 20.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.847 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

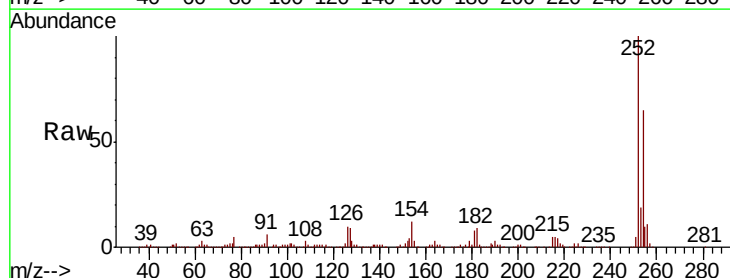
Tgt Ion:252 Resp: 441194

Ion Ratio Lower Upper

252 100

254 64.6 51.0 76.6

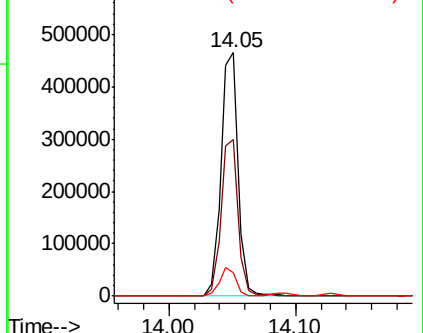
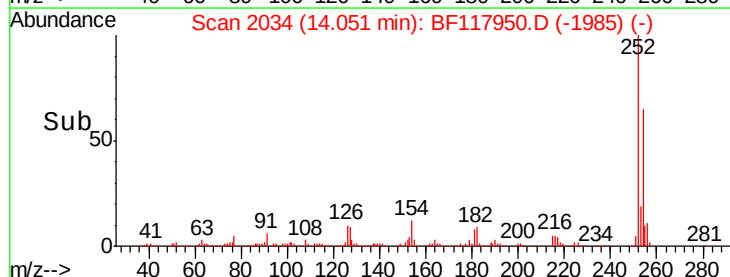
126 9.6 9.7 14.5#

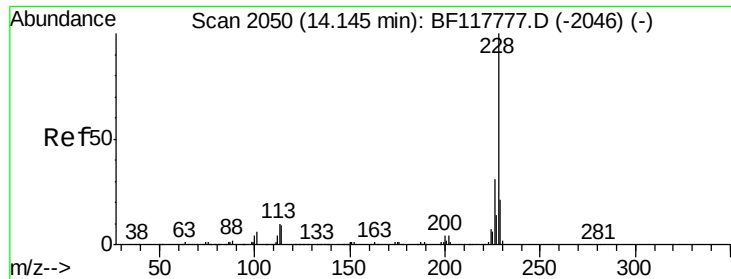


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

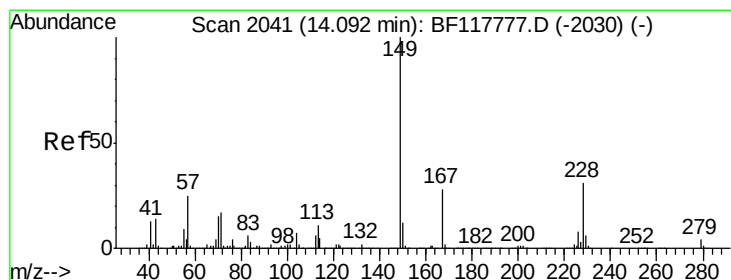
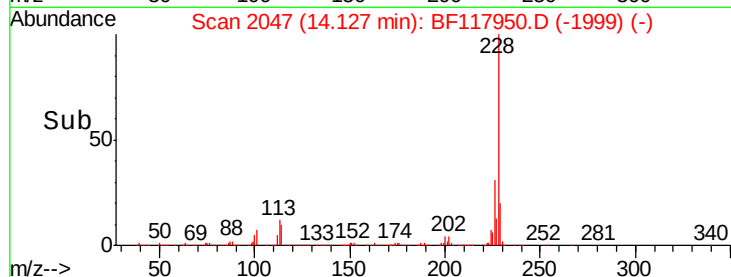
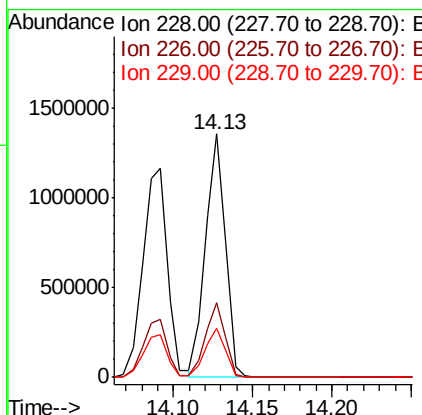
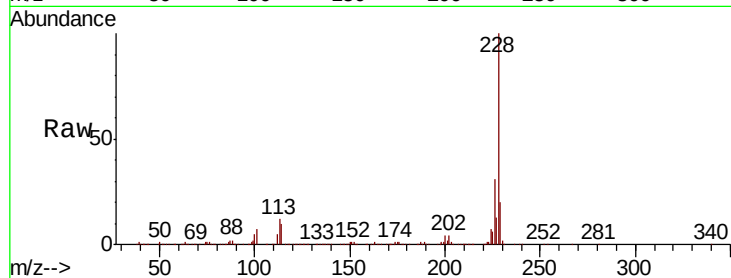




#83
 Chrysene
 Concen: 40.090 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

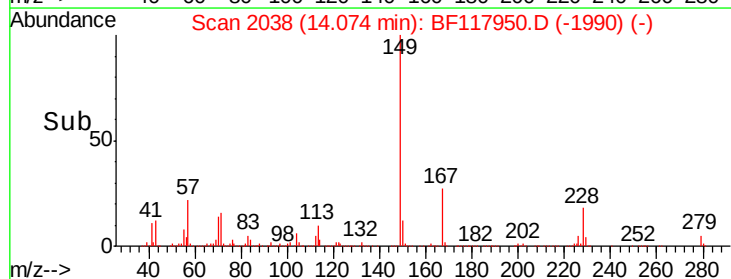
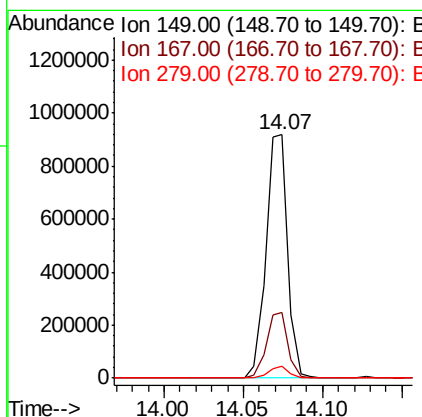
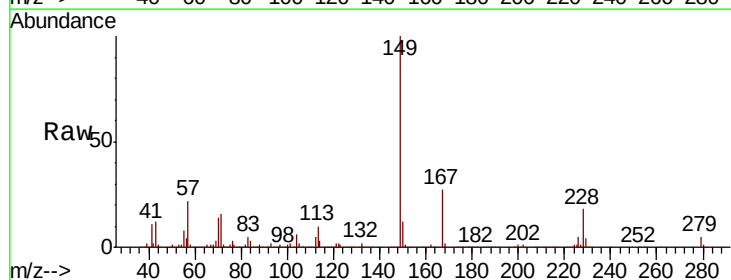
Instrument :
 BNA_F
 ClientSampleId :

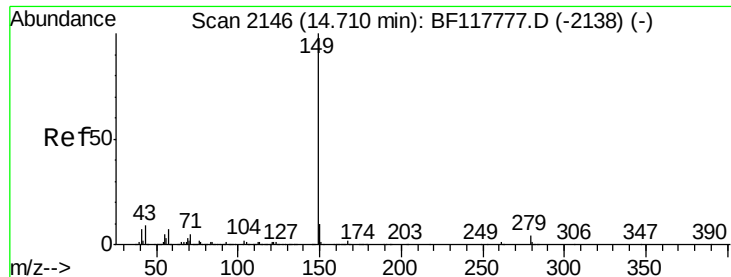
Tot Ion:228 Resp: 1199565
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.4
 229 20.3 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.713 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BF117950.D
 Acq: 23 Nov 2019 12:22

Tgt Ion:149 Resp: 879220
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.2
 279 4.9 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 45.335 ng

RT: 14.69 min Scan# 2142

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

Instrument :

BNA_F

ClientSampleId :

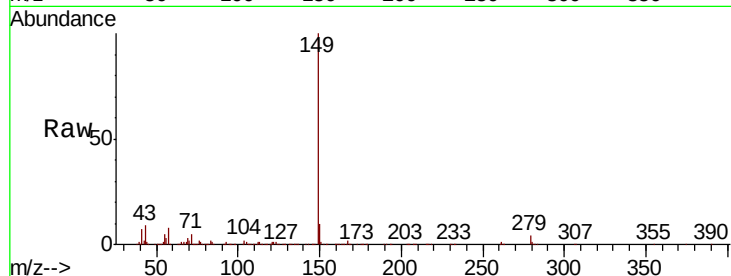
Tot Ion:149 Resp: 1309625

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

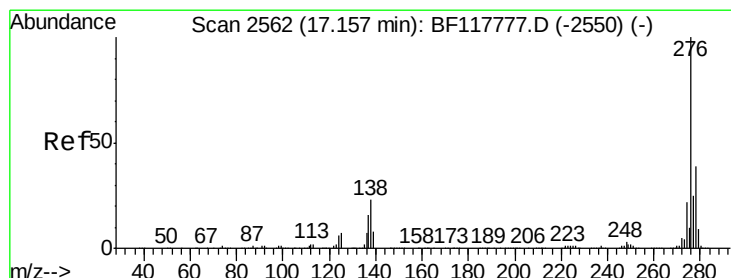
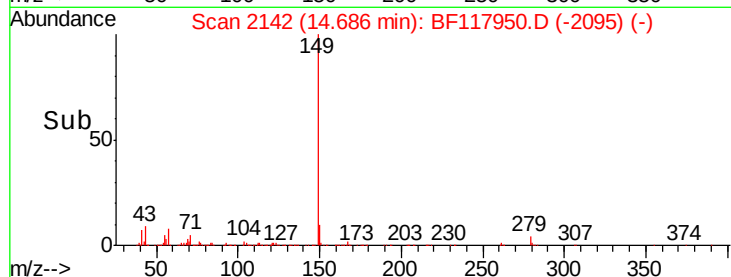
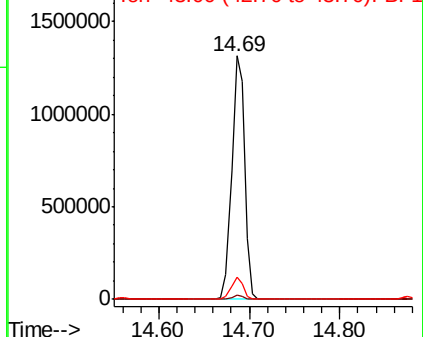
43 8.5 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.153 ng

RT: 17.14 min Scan# 2559

Delta R.T. -0.02 min

Lab File: BF117950.D

Acq: 23 Nov 2019 12:22

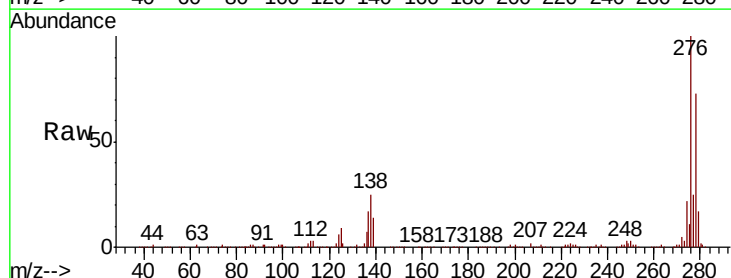
Tgt Ion:276 Resp: 920680

Ion Ratio Lower Upper

276 100

138 25.5 20.9 31.3

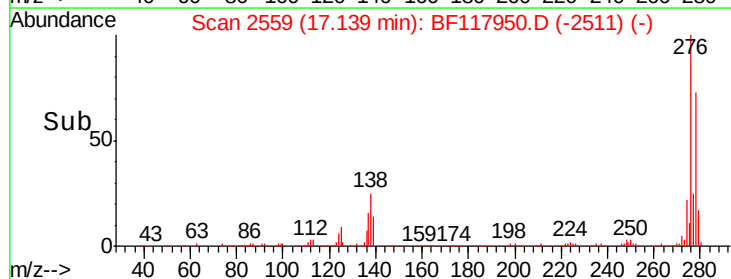
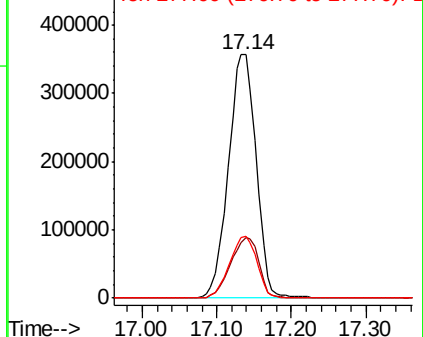
277 25.5 20.3 30.5

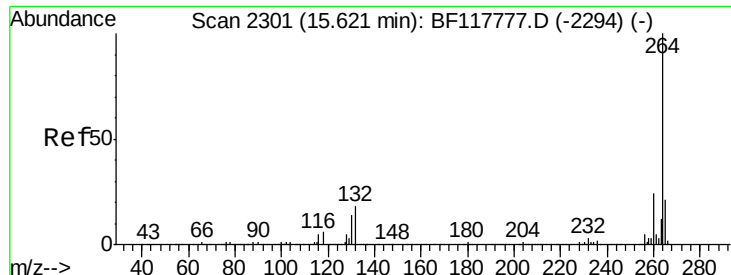


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



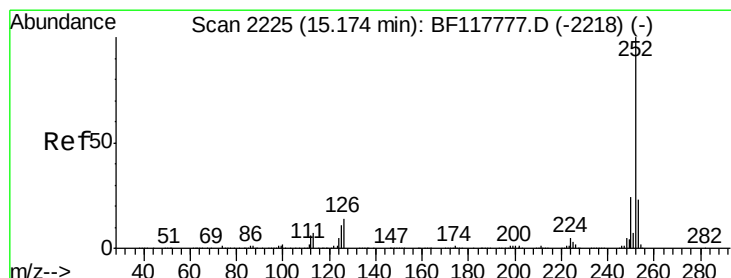
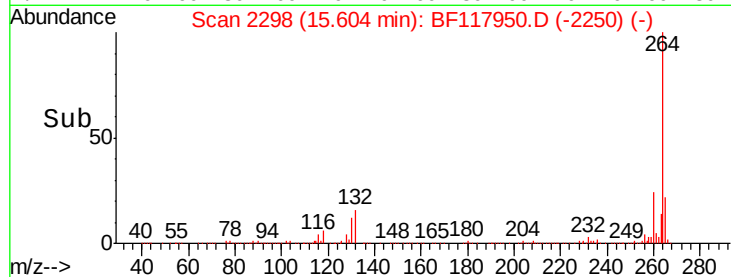
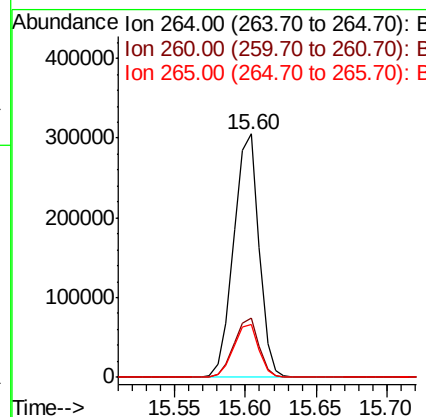
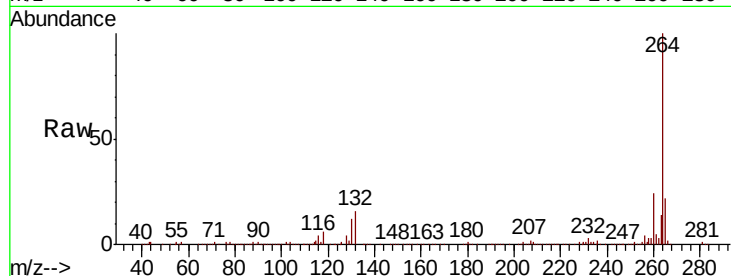


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 382641

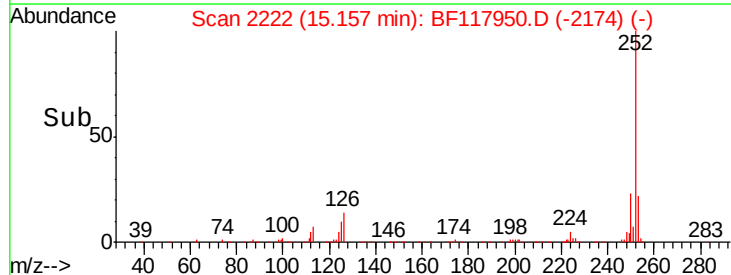
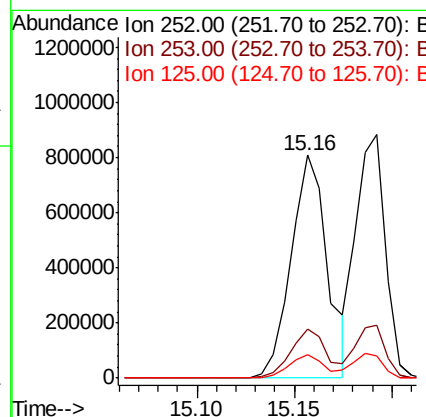
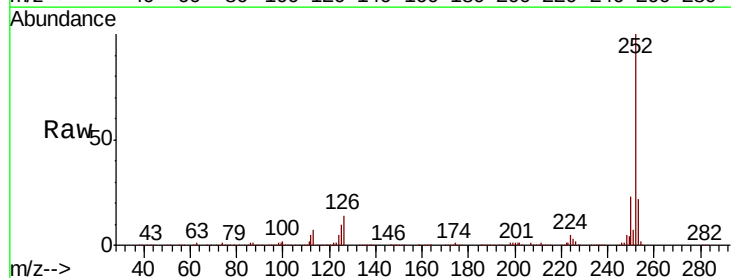
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.8	17.1	25.7

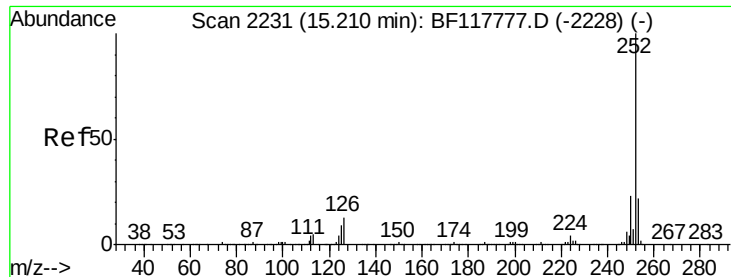


#88
Benzo(b)fluoranthene
Concen: 41.855 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion:252 Resp: 1040530

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.4	8.6	13.0

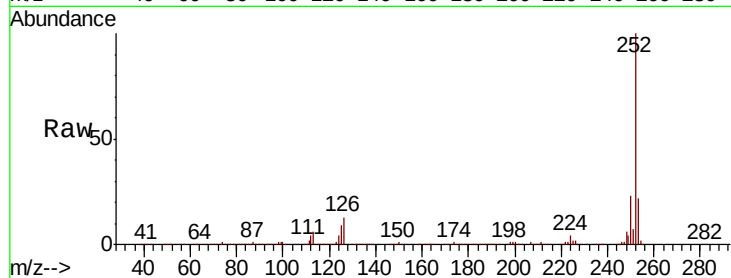




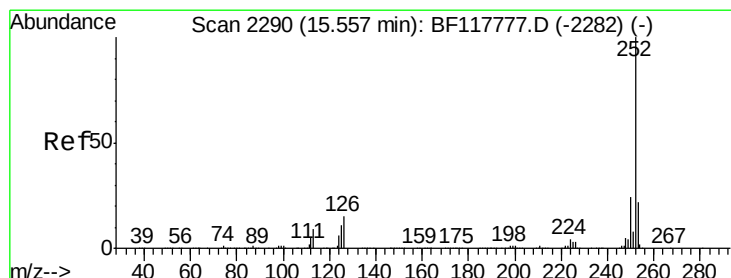
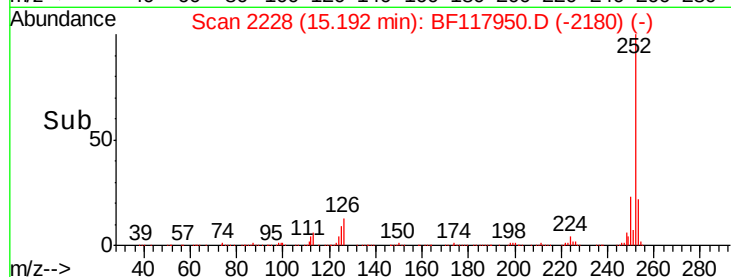
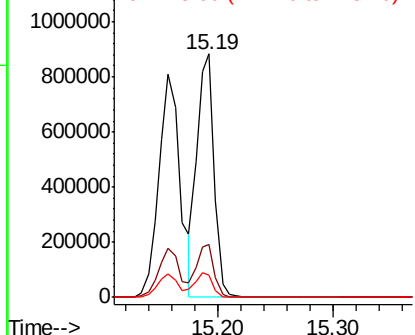
#89
Benzo(k)fluoranthene
Concen: 39.460 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 924306
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.1 7.9 11.9

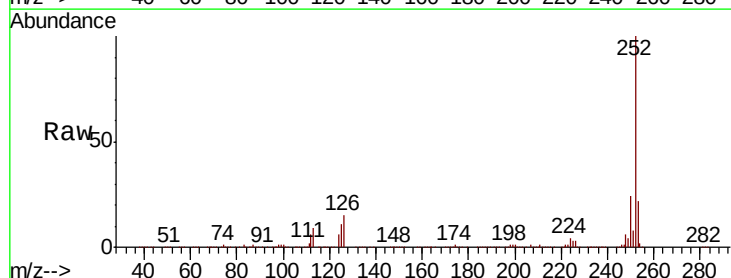


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

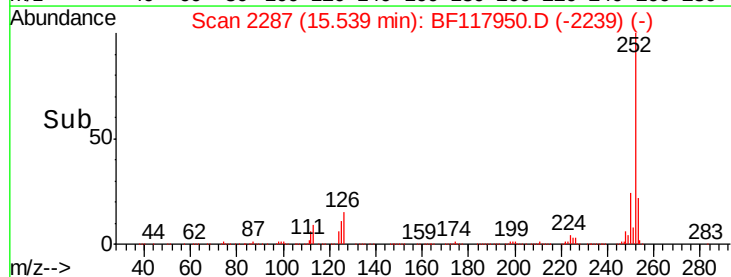
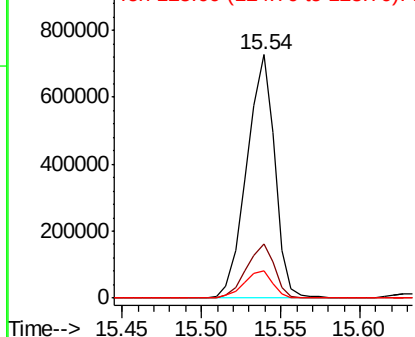


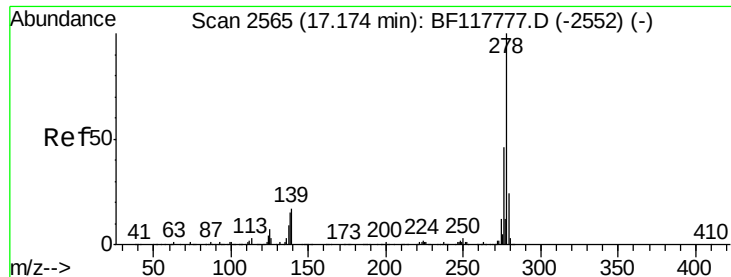
#90
Benzo(a)pyrene
Concen: 40.765 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion:252 Resp: 891159
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.2 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

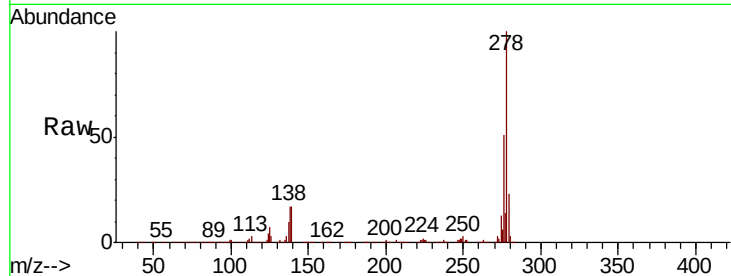




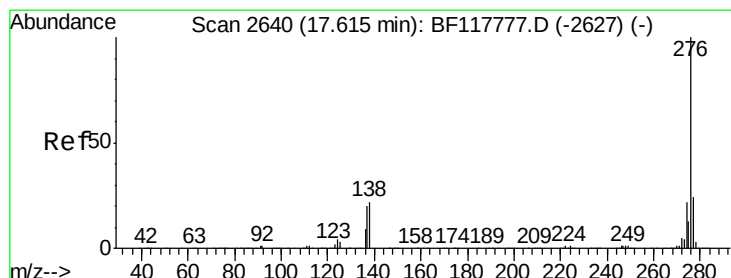
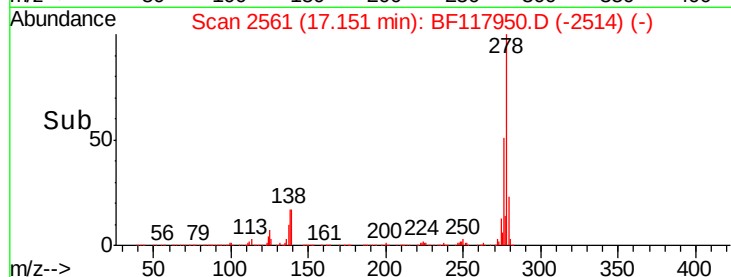
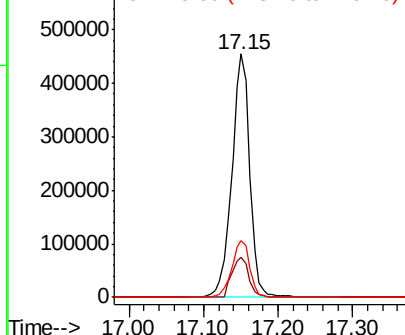
#91
Dibenzo(a,h)anthracene
Concen: 40.549 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.8	20.8
279	23.5	19.6	29.4

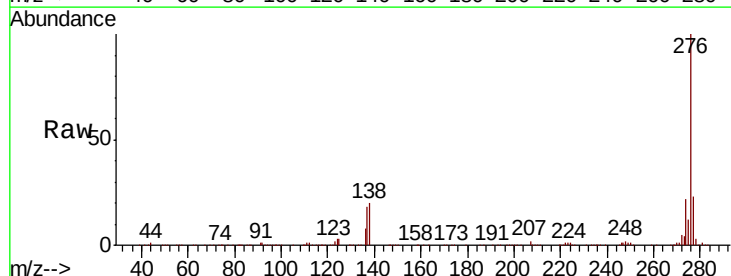


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.883 ng
RT: 17.60 min Scan# 2637
Delta R.T. -0.02 min
Lab File: BF117950.D
Acq: 23 Nov 2019 12:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.9	28.3
138	19.8	17.4	26.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

